

# VHF-UHF DIGEST

The Official Publication of the Worldwide TV-FM DX Association

SEPTEMBER 1993

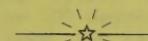


— 1993 —  
**FOX**  
**AFFILIATE**  
**OF THE**  
**YEAR!**

Out of 139 Fox  
television stations,

WFXG FOX 54,  
Augusta, Georgia,  
is number one  
in terms of  
ratings strength.

And, has been  
named 1993  
Fox Affiliate  
of the Year.



DOES OUR  
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54

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*Digital Data on  
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TERRESTRIAL  
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The National Geophysical Data Center (NGDC) provides several digital data sets on compact disk (CD-ROM). Below is a comprehensive list of previously advertised CDs of data from NGDC's Solar-Terrestrial Physics Division. For your convenience, an order form is provided on the back of this flier. The prices listed here are valid through September 30, 1993.

**GOES Space Environment Data:** This CD-ROM contains X-ray, Magnetometer, and Energetic Particle data measured by NOAA's Geosynchronous Operational Environmental Satellites (GOES). These data are an excellent resource for studying solar activity and its effects in near-earth space. Previously announced under Data Announcement STP-92-5. Price: \$203

**Neutron Monitor Data:** This is a "write-once" CD-ROM written in standard ASCII text files containing cosmic ray data from neutron monitors operating in many parts of the world with data going back to 1953. Previously announced under Data Announcement STP-92-3. Price: \$203

**Flares In Hydrogen-Alpha:** This is a "write-once" CD-ROM written in standard ASCII text files containing solar flare records grouped by year from ground based observations. Data include reports (1938-present), events (1955-present), patrol (1955-present), and indices (1955-1980). Previously announced under Data Announcement STP-92-4. Price: \$111

**Regions of Solar Activity:** This is a "write-once" CD-ROM written in standard ASCII text files containing records of Ca plage regions and sunspot groups. Records are grouped by year and by station. Plage observations are from Big Bear (1981-1987), Hale (1979-1981), McMath (1942-1979), AGD Table (1969-1982), and Indices (1970-1987). Sunspot observations are from Catania (1978-1987), Greenwich (1874-1982), Mt Wilson (1962-1991), Rome (1958-1989), and US Air Force (1981-1991). Previously announced under Data Announcement STP-92-4. Price: \$111

**Solar Radio Bursts:** This is a "write-once" CD-ROM written in standard ASCII text files containing solar emissions recorded since 1960 at ground observation stations, available on this CD at discrete and sweep frequencies. Previously advertised under Data Announcement STP-93-4. Price: \$111

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**National Geophysical Data Center**

# Nashville

1993

## CONVENTION REPORT

### Hot Temps, Hot Tropes, Hot Times in 'Music City'

[written by Tom Bryant and Doug Smith]

*(As co-hosts of the Nashville Convention we found it difficult to be totally objective in preparing this summary. Please excuse us if we seem to be tooting our own horns...but it WAS a helluva good get-together!)*

Shortly after 9 AM on Friday July 23 WTFDA's 1993 convention officially opened for business. As club members arrived they were presented with a name tag and a bag of goodies including bumper stickers, caps, T-shirts, key chains, coverage maps, tourist info, etc. Local broadcasters were generous with their contributions, and the retail value of each sack was between \$10 and \$15.

Three monitoring posts began to take shape about noon, and were up and running by 1:30 PM. Jim Dietrich brought antennas, rotors, baluns and pre-amps; and Doug Smith supplied tripods, masts, and setup help. Another club antenna expert, Doug Allen, pitched in to get the whole thing operational. Tom Yingling made a major contribution by letting us use his tv receiver and ICOM tuner. During the first half of the gathering the FM setup utilized a Carver tuner on loan from Dave Nieman; and Doug Smith's Technics tuner saw duty for the remainder of the weekend. Another setup at the other end of the convention room was dedicated to tape playback.

The 9th floor convention site was ideally suited to our group. Small tables in the one-time skytop bar were filled with photos of dx catches along with historic QSL and promotional material. Two larger tables housed extra giveaway items and a display of RDX Labs products. The UHF and VHF receiving sites were located side-by-side at the north end of the large room, and the FM installation was about 15 feet back toward the west side. The bar area was stocked with soft drinks and snacks. There was plenty of elbow room, and in spite of the 100 degree + heat index, the air conditioning system managed to keep the large glass-enclosed room comfortable.

By late Friday afternoon about half of the group had arrived and the 9th floor of Days Inn Central was buzzing with activity.

During the course of the convention many of our guests spent time away from the meeting site to explore area points of interest. Several went to the Friday Night Grand Ole Opry; some headed for the big regional shopping malls; and a few ferreted out antique shops. A small group made a pilgrimage to the WSM-AM transmitter; a large number enjoyed the German atmosphere and food at the Gerst House Restaurant; and one carload even made a side trip to Bowling Green, KY to visit stations and get T-shirts!

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## 1993 CONVENTION REPORT - continued

Late Friday evening everyone eventually made it back to our meeting site to visit, dx, and enjoy the spectacular view of the Nashville skyline. Fortunately, there was a lot to look at and yak about; because the dxing was mediocre. Normal tropo activity produced catches in the 200-300 mile range...certainly nothing to get excited about. (Note: although some CCI was spotted on 2 at times, no Es was logged.) By 2 AM the crowd had thinned considerably; and by 4 AM everyone had given up for the night. Maybe tomorrow would be better!

When the convention room re-opened Saturday morning, activities resumed almost as if there had not been an overnight pause. Tour groups were organized and headed out for WSMV (channel 4) and WSM AM/FM. After a noon lunch break the second set of station tours got underway; and by 4PM everyone was back at the Days Inn Central in time to get ready for the banquet.

Tom and Doug had decided that a southern flavor would be a nice touch for the banquet menu, and the results were excellent. In a cozy meeting room on the first floor, 33 dxers and guests were treated to generous servings of southern-fried chicken, southern-style green beans, potatoes and gravy, and a yummy peach cobbler. The hotel banquet staff came through with flying colors (Confederate flags..maybe?)!

As the tables were cleared, Tom Bryant welcomed those attending and introduced the first guest speaker, Mr. Aaron Shelton; retired Chief Engineer of WSM, Incorporated. Aaron spent the next hour sharing memories of his nearly 50 years in the industry. His talk ran the gamut from humorous stories about Opry stars to the early days of AM; W47NV (claimed by WSM to be America's first commercial FM station); the shaky startup of WSM-tv; and a host of technical innovations along the way.

After Mr. Shelton's talk and a short break; Doug Smith spoke briefly about several upcoming industry developments including HDTV.

There was a drawing for door prizes, then a DX QUIZ based on VUD items published during the past 12 months. The quiz produced laughs, gasps, and groans; and seemed to be a popular feature. There were prizes for low and high test scores; plus some confusion as to how to award them as the hosts (Bryant, to be specific) hadn't planned on any ties.

After the quiz, the formal portion of the meeting concluded as we all paraded by NRC member Ernie Wesolowski's camcorder to say howdy! (Ed. note: Special thanks to Ernie for his assistance in helping a WTFDA member who experienced major car trouble. Ernie is truly a credit to our hobby and the human race!) A special invitation had been extended to the radio-only clubs, and several IRCA and NRC members joined us for the weekend. Ontario DXer Dave Whatmough showed up in his much-traveled "DX-Mobile"...a real treat for those who hadn't seen it before.

By 9:30 Saturday night the 9th floor convention room had filled up again and the non-stop gabfest was back in high gear. Tropos were up, too! Nobody said much, but you could sense the vibes that big things were going to happen...and they did!

About 2:30 AM Sunday morning all hell broke loose...and an opening the likes of which had never been seen by Nashvillians filled our screens (and FM gear) with a non-stop parade of tropo visitors from Arkansas, Oklahoma and Texas. There were still about 10 people up at the time; including dx 'king' Bob Seybold who was reeling in new loggings at a frantic pace. Greg Coniglio and Matt Sittel were getting equally amazing results at the FM outpost. Oddly enough, the crowd increased as word of the big opening spread. People actually got out of bed to get in on the action! By 5 AM we had seen and heard stations from just about everywhere in the Lone Star State...but only a few hard-core nightowls were on hand to witness the grand prize catch...a Texas U at 790 miles.

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## 1993 CONVENTION REPORT - continued

A total of 22 VHF, 71 UHF, and approximately 75 FM loggings was recorded during the three-day period. Convention Technical Coordinator Doug Smith compiled the following report assessing our facilities; and the major catches of the weekend.

The DX installation had its advantages and disadvantages. The high elevation and short feedlines made for no real problems with physical obstructions or line loss. But, the presence of 9 TVs within 10 miles (including 3 LPTVs less than a mile away) and 12 FMs meant some strategy was necessary to avoid overload. For awhile on Sunday morning, the preamp on the UHF antenna was replaced with a balun to allow DXing the lower UHF channels without excessive overload from WZTV-17.

Local LPTVs were playing games with us, with W68CG choosing to move, the week before the convention, from a site 12mi. away, to one less than a mile away. They also went off the air several times during the convention, allowing logging of WKMJ-68 Louisville, but they were on, and a pest, for most of the Texas opening. W36AK, also within a mile of the convention site, was off for most of the convention; their primary, WPGD-50, was also off quite a bit, and spent several hours Sunday morning sweeping their transmitter.

There was an excellent tropo opening to the west on Saturday night; this cost several DXers most or all of a night's sleep. The opening centered on the Dallas/Ft. Worth area, with 5 FMs and 7 TVs from that market logged; a variety of other Texas FM/TV stations were logged. Best FM DX was KCWS-102.7 Merkel (777mi.), just west of Abilene; best TV DX was KVDA-60 San Antonio at 790mi. Also logged during the opening were a number of Oklahoma TVs and Arkansas FM/TVs. Someone (I believe it was Greg Coniglio) logged an Arkansas Class A at 352mi.!

Before and after the opening, other less exotic DX was seen and heard. Because of overload from the Knob Rd. tower (WSMV-4, WZTV-17, WSM-95.5) and three LPTVs downtown, most DXing was done to the north, with most stations heard being in the western 2/3 of Tennessee and Kentucky, or in southern Indiana and Illinois, though WRGT-45 Dayton and WINM-63 Angola stretched the paths in those directions.

A quickie list of the more exotic DX seen/heard:

### FM:

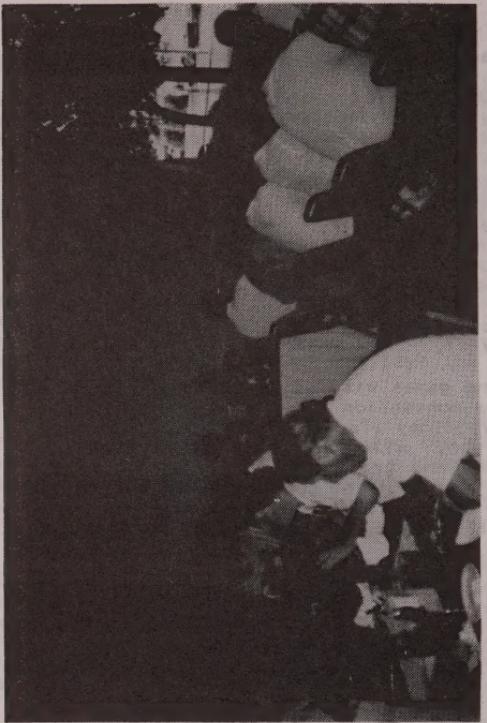
WBGL-91.7 IL KZPS-92.5 TX  
KZLE-93.1 AR KOYN-93.9 TX  
KHLT-94.1 AR KOLL-94.9 AR  
KKTX-96.1 TX KTUX-98.9 TX  
KPLX-99.5 TX KTCS-99.9 AR  
WYMG-100.5 IL KCJC-100.9 AR  
WFPC-100.9 IN KCWS-102.7 TX  
KKIX-103.9 AR KSNE-104.3 AR  
KYNG-105.3 TX KTEI-105.5 AR  
KYKX-105.7 TX KSTV-105.7 TX  
KHKS-106.1 TX KOOI-106.5 TX  
KBVA-106.5 AR KCYT-106.7 TX

### TV:

KATV-7 AR WFAA-8 TX  
KETG-9 AR KWTV-9 OK  
KTEN-10 OK KTHV-11 AR  
KAFT-13 AR KTBO-14 OK  
KTXA-21 TX KDFI-27 TX  
KHOG-29 AR WHOA-32 AL  
KDAF-33 TX KOCB-34 OK  
KRSC-35 OK KASN-38 AR  
KTFO-41 OK KTLC-43 OK  
KWKT-44 TX KXLN-45 TX  
KWHB-47 OK KHSX-49 TX  
KFXK-51 TX KFWD-52 TX  
KETK-56 TX KDTX-58 TX  
KVDA-60 TX WINM-63 IN

Sunday morning a lot of bleary-eyed dxers returned to the scene of the big "DX-SHOOTOUT" (that's what Doug called it in the program) to pick up a few more souvenirs, say goodbyes, or in some cases to do some more dxing. By early afternoon the antennas had come down, and before long the crowd had thinned to almost nothing. The convention was officially adjourned at 5 PM.

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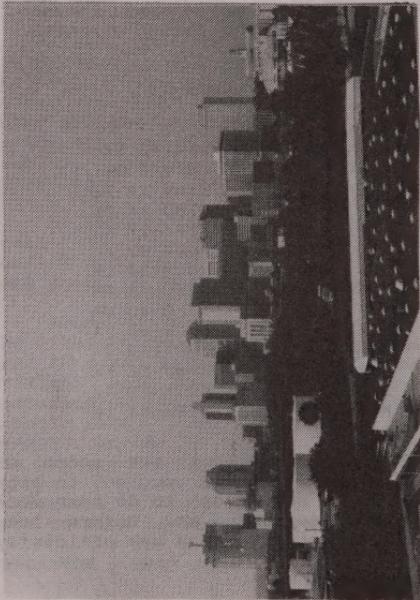
Downtown  
Nashville.

Saturday  
banquet.



Host Tom Bryant  
in doorway, co-host  
Doug Smith to his  
left.

WSM station tour.



Photos courtesy dBruce Hall and Greg Coniglio. Layout: Dave Nieman.

## 1993 CONVENTION REPORT - continued

A few of those attending have been acknowledged in this article for their individual assistance and contributions. If anyone was overlooked, please accept our apologies. In reality, all who attended were responsible for the success of the convention. A special note of recognition is in order for Diane Brooks and her staff at the Days Inn Central. The accommodations were roomy and comfortable, and the service was top-notch. A letter of commendation will be sent to Days Inn corporate headquarters to let them know how pleased we were with the facilities and service.

To the best of our knowledge, EVERYONE had a good time in Tennessee's Capitol City. Your hosts appreciated the support and good wishes they received prior to the event; as well as the many thank you and congratulatory calls and letters afterward. To those who attended, we're glad you were able to join us. You were wonderful guests in all respects (the hotel expressed that sentiment, too). To those who weren't able to come, or chose not to attend; we missed you.

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Here is a roster of the 33 guests who registered and attended. Not all are WFTDA members. There were several local observers who dropped by (including a teenager from Vancouver, BC who was visiting relatives in Nashville)...plus a few WFTDA, NRC, and IRCA members who stopped in briefly but were unable to take in the entire event. Things got a bit hectic at times and an exact head count was not possible; but our best estimate of total attendance comes to 40.

AL: J.D. Stephens, Huntsville    CO: Doug Allen, Woodland Park    FL: Michael Hollis, Mary Esther; Matt Sittel, Tallahassee    IL: John Clemmer, East Moline; Bill Eckberg, Dixon; Jeff Kadet, Macomb; Frank Merrill, Macomb; Marv Shults, Toulon    IA: Neil Griffin, Ottumwa    IN: Ralph Strobel, Muncie; Robert Zent, Huntington    KS: Jim Dietrich, Derby    KY: Ed Phelps, Benton    MA: Mark Connally, Billerica    MD: Tom Yingling, Baltimore    MI: Robert Grant, Detroit    MO: Keith Smith, St. Ann    NE: Michael Hawk, Omaha; Ernest Wesolowski, Omaha    NY: Greg Coniglio, Williamsville; Dave Nieman, Akron; Bob Seybold, Dunkirk    OH: George Greene, Akron    ON: Roger Gravelle, St. Thomas; Bruce Hall, Brantford; Dave Whatmough, Hamilton    TN: Tom Bryant, Nashville; Chris Johnson, Memphis; Aaron Shelton, New Johnsonville; Doug Smith, Nashville    TX: Joe Gragg, Palestine; Noelie Herbort, Carrizo Springs

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### COMING SOON...

TO YOUR VERY OWN TV SCREEN...

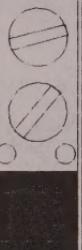
### HIGHLIGHTS OF NASHVILLE '93

Tapes supplied by several amateur videographers will be compiled into a comprehensive summary of the highlights of the 1993 convention. Co-host Tom Bryant will edit and narrate the presentation which promises to be the best WFTDA convention tape ever. Due to the large amount of footage a late fall completion date is projected. It'll be an ideal DXer Christmas gift at a sensible price. Check your VUD for availability date, ordering info, and prices. A MUST for those who were a part of it all!

# TV News

Doug Smith, editor

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Nashville, TN 37209-1503  
(615) 356-8305  
CIS 72777,3143



Abbreviations used in this column:

ERP=	Effective Radiated Power, in kilowatts
HAAT=	Height Above Average Terrain, in meters
AAT=	Above Average Terrain
AG=	Above Ground
ASL=	Above Sea Level
nc=	no change
TL=	Transmitter (and tower) Location
CP=	Construction Permit
MP=	Modification Permit (modification of CP)
Pr=	Province (of Canada)
*=	Non-commercial
CRTC=	Canadian Radio-TV Commission
DBS=	Direct Broadcast Satellite

## CHANGES GRANTED TO EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
AK	5	100	nc	KYES	Anchorage (was 5.89kW)
AZ	21	1282	nc	KPAZ-TV	Phoenix (was 646kW)

## OTHER STUFF

Obviously, the FCC is on vacation... Actually, so is the CRTC...

The deficit reduction bill has hit broadcasters, and other FCC licensees. FCC user fees will be charged; in TV, the annual fees will range between \$4,000 for 100+-market UHFs, to \$18,000 for top-10-market VHF. Cable systems will pay \$0.37 per subscriber. Non-commercial stations are exempt. (hams note: I've heard nothing about these fees extending to amateur radio)

Regarding last month's Canadian items from Dave Sinclair, the CRTC action permitting religious broadcasting specifically says that

rebroadcasters of U.S. channels (TBN) will not be licensed.

Also in Canada, the CRTC is asking for applications for a new province-wide TV service in Alberta. Cities involved are Edmonton, Red Deer, Calgary, and Lethbridge. Channels aren't given. Two firms, including CanWest (owners of Global in Ontario, of CKVU-10 Vancouver, and CFSK-4 and CFRE-11 in Saskatchewan), have announced plans to apply.

A number of bills have been proposed to limit violent programming on TV. Maybe the most interesting would require TVs to contain a "V-chip", which would allow parents to block viewing of programs rated for violence.

Terry Shockley, who's challenging the license renewals of Wisconsin stations WKOW-27, WAOW-9, WXOW-19, and WQOW-18, claims that bankrupt owner Sharad Tak no longer actually controls the stations. If the FCC agrees in a hearing later this month, they could deny "renewal expectancy", a preference that usually guarantees license renewal.

If the "expectancy" is denied, the chances of Shockley being granted the licenses improves considerably. Tak's creditors, mostly banks & other financial institutions, have no record of successful operation of broadcast stations, while Shockley does, having operated the same four stations until Tak purchased them in 1985.

Tak and his creditors may, however, have another weapon. In late July, the owners of bankrupt KTVD-20 Denver filed in Federal Court to block a competing application for KTVD's license. Their argument is that any action that diminishes the value of a company in bankruptcy is a violation of bankruptcy law.

The Commission is considering a partial return of the "anti-trafficking" rule. Before 1982, if you received a broadcast license, you couldn't sell it for 3 years. The proposed change would resurrect this rule, but only for licenses granted by a comparative hearing. In situations where there's only one applicant, there would be no minimum period.

After a second crash, and five months for repairs, TV Marti-13 is back on the air. Broadcasts resumed on August 4. Actually, TV Marti broadcasts continued via satellite while the channel 13 balloon was

down, but since Cuban law prohibits the private ownership of satellite dishes, chances are only government officials saw the broadcasts.

In a move guaranteed to confuse DXers... KYW-3 Philadelphia has decided to preempt NBC on Fridays between 8 and 9PM. They'll air a 60-Minutes-style news magazine program.

However, West Coast DXers will be "un-confused" by the decision by KRON-4 San Francisco to end its experiment with 7-10PM prime-time. KRON will return prime-time programs to 8-11PM. KCRA-3 Sacramento is expected to do the same.

## CABLE ACT

Several cable systems have taken the must-carry rules to the Supreme Court. Their petition claims that the rules are an attempt by Congress to control the editorial choices of cable operators. A hearing isn't expected until next spring- unless the Court refuses to review the case.

Several broadcasters report they've reached retransmission-consent agreements that do involve cash payments. The broadcasters won't reveal which cable systems are involved, but so far they say only small cable systems are involved.

In Wellford, SC, the city is delaying renewal of TeleCable's franchise. Wellford Mayor Hubert Odum wants the system to guarantee they'll carry the local Greenville/Spartanburg/Asheville stations. In nearby Greenville, it's reported that the franchise agreement requires carriage of the local stations; if TeleCable doesn't reach retransmission-consent agreement with all the over-the-air stations, it could be in violation. That agreement doesn't expire until 2007.

A special appropriation of \$11.5million has been made to the FCC. The money will pay for administration of the Cable Act.

The Springfield, Mo. cable system has moved KOLR-10 from cable channel 9 to 32. TeleCable VP Gordon Herring says they're simply getting customers used to KOLR's new dial position, but KOLR's GM believes it's because the station has hired a consultant to handle their retransmission-consent negotiations. The move hurts KOLR not only because of the disruption in viewer habits, but because non-cable-ready TVs will no longer be able to receive the

station on cable without a converter box. (also, at least presumably, the other Springfield over-the-air stations are on low dial positions)

It's rumored that NBC may offer cable systems consent to carry their owned TV stations in return for carrying one or more of three new cable networks they're starting. Two of the networks would be new, one news/talk and the other sports; the third would be their existing Spanish-language news channel, currently available in Latin America. Additionally, NBC has reportedly offered their affiliates a financial interest in the news/talk channel in return for allowing NBC to handle their retransmission-consent negotiations.

A NAB survey released in mid-July shows that roughly 93% of all stations affiliated with one of the "big-3" networks have opted to negotiate for retransmission consent on at least one cable system. For Fox affiliates, the figure is 98%; for non-Fox independents, it's roughly 20%.

The Commission has established a "Cable Information Telephone Line". This service carries information for subscribers, local governments, and cable systems, on the Cable Act. The numbers are:

202-632-0004 (English)  
202-632-0100 (Spanish)  
202-632-6999 (TDD)

See also Tom Bryant's item below for info on retransmission-consent in the Nashville market.

## LPTV WATCH

Call	St	City:	programming
W12CA	PA	Elliotsburg	WPCB-40
K16BY	TX	Crockett	local
W17AB	FL	Tallahassee	TBN
K17BP	TX	Palestine	TBN
K17BY	TX	San Antonio	Galavision
W19AW	LA	Baton Rouge	"WBTR"
K20BW	TX	San Antonio	religious
K21DK	TX	Giddings	KXAN-36
K21DM	LA	Lafayette	The Box
K22BH	TX	Corpus Christi	Galavision
K22CQ	LA	Monroe	The Box
K22DP	TX	Bryan	The Box
W23AQ	FL	Lake City	TBN
K28AK	TX	Bryan	KWKT-44
K29AD	TX	Corsicana	TBN
W29AB	FL	Ocala	TBN
W29AH	PA	Pittsburgh	The Box
W29BH	MS	Biloxi	TBN
K30CE	TX	Austin	Univision
W31AG	MS	Clarksdale	TBN

## LPTV WATCH (cont'd.)

Call St City; programming  
W31AQ AL Mobile; HSS  
W31AT FL Gainesville; The Box  
W31AU FL Orlando; HSC  
K31AI TX Huntsville; TBN  
K33CK TX San Antonio; TBN  
K33DB TX Houston; KTFH-49  
K35CS TX Texarkana; "WBSC" relig.  
W36AC MS McComb; TBN  
W36AM TN Memphis; The Box  
W39AT LA Baton Rouge; "WBTR"  
W39AY AL Montgomery; The Box  
K39BJ LA Morgan City; local  
K40CT TX San Marcos; KXAN-36  
W41AE NY Utica; TBN  
W41BW AL Dothan; TBN  
W45AA MS Columbia; Miss. ETV  
K46CR LA Baton Rouge; The Box  
W46AV MS Pascagoula; TBN  
K47DF TX Corpus Christi; local  
K47DW LA Alexandria; WNTZ-48  
K47FH TX College Stn.; TBN  
W47BP MS Hattiesburg; Miss. ETV  
W49AI FL Crystal River; WOFL-35  
K49CG AR Little Rock; The Box  
K50AO TX Corpus Christi; The Box  
W50BF PA Sharon; WPCB-40  
K51CK TX Abilene; TBN  
W51AO PA Brookville; WPCB-40  
K52CQ LA Baton Rouge; various  
K53CZ TX Victoria; Telemundo  
W53AM NY Utica; The Box  
W53HI GA Valdosta; WTLH-49  
K54DT TX Abilene; KIDY-6  
K55EX LA New Orleans; Tourist Ch.  
K55FV TX Houston; ValueVision  
K55FX TX Corpus Christi; relig.  
W63AJ PA Huntingdon; WWCP-8  
W69CS NY Buffalo; The Box

This month, from Dave Nieman and Jeff Kruszka's list.

## FORUM

Tom Bryant, Nashville TN:

Again on the KOUS-4 IDs seen on channel 3, Tom passed along a letter from an employee of KTVQ-2. He writes that commercial breaks on KYUS-3 are run from Billings. He also confirms that the KOUS tower is still in place 18mi. east of town; it's used by FM station KDWG.

From the Nashville Tennessean, an item about my employer... WSMV has decided to request cash for retransmission consent. The proposal would ask for \$0.50 per cable subscriber right now; when cable rate regulations are relaxed in late 1994, the rate would bump up to \$0.75, increasing to \$0.90 by 1995. Reportedly, no other Nashville station has requested cash, but some have said that if other stations get cash, they also want it.

WSMV (and all other TV stations) have until Oct. 6 to reach retransmission agreements; since cable systems must notify subscribers of stations being dropped 30 days in advance, the real deadline is Sept. 6. Viacom, and other Middle Tennessee cable operators, continue to insist that they won't pay cash for consent, but Viacom GM Stan Smith told the Tennessean "I remain confident that all the broadcasters will be on Oct. 6, but we've got a lot of work to do this month."

Among the other Nashville stations:

WKRN-2 has requested cash in return for a second, cable-only, channel. They also want cable systems to agree to buy advertising on channel 2, and provide WKRN with advertising time on the cable systems.

WTVF-5 has reached a no-cash initial agreement with Viacom. Details weren't provided but don't include another cable channel.

WZTV-17 and Viacom have signed on to Fox's nationwide deal, whereby WZTV will be carried without charge, in return for Viacom carrying the new Fox cable network; part of the fees paid by Viacom to Fox will be turned over to WZTV.

WDCN-8, WXMT-30, WHTN-39, and WPGD-50 have all chosen must-carry.

Bill Nienajadly, Clifton NJ:

(Hey Tom, how many people got #15 right on the DX Quizz?) Bill sends a clipping from the August 2 Daily News, with two items in one. First, an editorial questioning the need for government regulations on violent TV programming-- and even questioning whether it is too violent.

Second, an item regarding a Riverhead (Long Island) resident concerned about the possible disappearance of NYC stations from his local cable system if retransmission-consent negotiations fail. The reporter writes "He simply can't receive the signals where he lives. If he can't get them on cable, he can't get them at all."

According to my calculations, Riverhead is only 70 miles from NYC, 35 miles from WTNH-8 (New Haven, CT), and 60 miles from the other Hartford, CT stations-- certainly no problem for outdoor antennas! The resident interviewed, Tom Mosher, has a more

American solution-- if the cable system drops the NYC stations, he plans on suing...

Another item, from the July 19 Post, reports that NAB-produced announcements arguing the broadcasters' side of retransmission consent have begun airing on WNBC-4. The spots say "Local broadcast television is what makes cable television worth watching".

And finally, "SCUD Stud" Arthur Kent, fired by NBC shortly after the Gulf War, has found a new job. He's returning to his native Canada to host a weekly CBC documentary on "ethical & moral dilemmas in modern life".

(Bill, congrats on the Extra! You going to take your chances on a new callsign?)

William Draeb, Kewaunee WI:

Bill has several news items from Northern Wisconsin.

First, regarding the network swap in Green Bay, the switch occurred on April 15; on this day, WFRV-5 switched from ABC to CBS, and WBAY-2 from CBS to ABC. Presumably, WJMN-3 and WLUC-6 made the same swap at the same time.

Second, regarding WJMN-3, Bill says they aren't a 100% satellite of WFRV-5 anymore. They run their own commercials, and occasionally their own newscasts.

Also on the subject of WFRV-5, Bill writes that that station is now carrying the Milwaukee Brewers network, preempting the CBS baseball games. He asks how strict the networks are about this kind of thing, and whether they have some kind of double-standard for affiliates & owned stations?

Honestly, I don't think so. Few CBS affiliates have aired the network's late-night programs (though that may change with the Letterman show), and when I was with CBS affiliate WISC-3, we would routinely preempt CBS programs for U.W. hockey broadcasts, and occasionally for other programs. WSMV occasionally also preempts NBC for local programs or Billy Graham specials.

WIIM-8 Iron Mountain and WHTA-5 Calumet, Mich. are not on yet. (a list I have from Eric Voytko/Bill Fahber lists a call change on the former station, to WDHS)

There does appear to be a new LPTV on 31 at Wausau. As Bill reported to the August Western TV-DX column, Three Angels and TBN programs were seen on June 22 on a Wausau heading. My database shows no 31 LPTV in Wausau; one possibility is W31BA Minocqua though Minocqua is quite a bit north of Wausau & Bill's 7' dish would probably rule that out. Bill hasn't seen the signal since 6/22.

Regarding my speculation that WXGZ-32's old antenna was on WGBA-26's tower, Bill says that they do have their own tower, about 600' west of WGBA's. The tower is still up, but the antenna was removed about 3 months after they went dark. Bill sees no evidence of work to install a channel 32 antenna on the channel 26 tower.

(OK on WAUN-92.7... could be the tropes, but they were booming into my Madison motel room in June!)

Greg Coniglio, Williamsville NY:

Greg took a road trip to Memphis during the convention; while there, he picked up a copy of the Commercial Appeal, which carried an item on the sale of WMC-5 (and their AM and FM stations).

The article goes into the valuation of a TV station, something that I suspect most people don't understand. (I should say, I know most people don't understand.. Probably the most important question asked of a jury I just served on was to put a value on a travel agency. Two different expert witnesses placed values that differed by 200% & had totally different bases...)

TV stations are valued in multiples of annual cash flow, with a common multiple these days being 7 or 8. So, if WMC generates \$8.5million in cash flow annually, it might sell for 7 times that, or \$59.5million.

New WMC owner Bert Ellis has had several previous successes, including building Act III Broadcasting, a firm which owned several successful Fox affiliates when Ellis sold it about 2 years ago.

Eric Voytko, McLean VA:

Eric sends a postcard noting that WTMW-14 went on regular schedule on August 3, sometime between 10am and 1pm. They run Home Shopping Spree 24 hours, with ID about 3mins. before the hour. The signal is

strong at his location but (luckily!) doesn't splatter over onto any other channels.

Pete Taylor, San Francisco CA:

I stand corrected (again!)... Pete points out that the item about KMOD-97.5/KOKI-23 Tulsa, reported in August VUD, is not, in fact, new; it's what's called a "P.I.", or Per Inquiry, commercial-- I'm told that the ubiquitous "Hooked On Phonics" ads are also P.I.s. (is this new to TV though? Or have there been P.I.s on TV for years too?)

Ken Romstadt, Ottawa Lake MI:

Ken sends an item from the Toledo Blade reporting that Channel 21 in Fremont, Ohio (an LPTV, but my database doesn't list one) has purchased a tower from Sandusky County. The 200' tower was built by a now-defunct emergency medical service, and was sold by the county for \$8,200 and the rights to have "...a 911 signal booster will be placed on top of the tower to clarify signals to police and fire agencies in the county.". Presumably, that means an antenna for police & fire two-way repeaters.

Ken also writes that the Blade mentioned WXAE-40, but no signon date was given.

And now for Forum Canada...

Dave Sinclair, Vancouver BC:

Dave sent along two Vancouver-area items. The first, from the July 25 Burnaby News, notes an epidemic of vandalism which seems to have struck Rogers Cable in the wake of a lockout of union technical workers.

While the IBEW union claims no connection, cable lines in telephone manholes have been cut, leaving adjacent telephone cables untouched, and cable line amplifiers have been removed.

The union says it was locked out after refusing to accept a 25% wage cut; it had offered a no-increase contract.

And, from the July 22 Vancouver Sun, a note that applications for dozens of new specialty cable channels have poured into the CRTC in the wake of changes in cable regulation.

Bill Hepburn, Brampton ON:

Bill has more info on the TVOntario rebroadcasters reported in the July VUD:

TVO English:  
CICO-TV-95 ch. 49 Tobermory  
CICO-TV-96 ch. 48 Hawkesbury  
CICE-TV-11 ch. 42 Parry Sound  
CICE-TV-16 ch. 29 Pembroke

La Chaine Francaise:  
CHLF-TV-1 ch. 25 Sudbury  
CHLF-TV-2 ch. 39 Hawkesbury  
CHLF-TV-13 ch. 17 Pembroke

## NASHVILLE '93

Thanks to everyone who made this convention successful! I don't think anyone regretted coming, and I sure know I had a good time putting faces to all the names I've read in the VUD. (and several new ones!) The early Sunday Texas opening was a blast too!

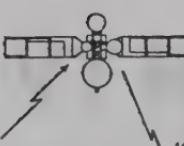
Special thanks go to Jim Dietrich for providing antennas, baluns, feedline, preamps, and rotors (too bad Jim didn't bring a bigger car-- he could have sold his FM antenna 3-4 times!); and to Tom Yingling for the use of his TV and Icom R-7000 on the UHF DX station. (I WANT a R-7000!)

Also to Tom Bryant (who really did most of the work!). And to the broadcasters of metro Nashville (who came through in style for the "goodies bags"). And finally, to the Days Inn Central, which provided an excellent room, a great banquet, and bent over backwards to help us in other ways. Should we ever go crazy and agree to host a convention again, it'll definitely be in the same place!

Seriously, while hosting a convention was a fair amount of work, it's also a lot of fun. I strongly encourage anyone considering bidding on the 1994 convention to do so. I would suggest that it's a pretty big job for one person; you should try to find an assistant in your area. Go for it!

## DX ETC.

A little scatter. Local W271AB was off for a couple of days in mid-August but only semi-local WDRM-102.1 was logged. But after the convention & the July openings, it was time for a breather!



# SATELLITE NEWS

George W. Jensen  
4604 Anntana Avenue  
Baltimore, MD 21206-4220

Another bunch of changes and something different from Brian Webb in California.

Brian had monitored some items from military satellites. On 262.200 some traffic noted from Geosynchronous military satellite at about 95 W. He was using an FM narrow mode with a Radio Shack PRO-2006 receiver off a homebrew 12 element UHF Satellite Quad. Any items of this nature are always appreciated...please send them in.

The trees have been removed by my neighbor and some surprises were there. I now receive all European C-Band birds up to 6 West.

Telecom 2A at 8W  
2V - France occasional in PAL and SECAM  
4V - France occasional in PAL and SECAM with some program from various networks - M6 - Metropole TV noted.  
5V - RFO the service to colonies and overseas states noted in SECAM with many program feeds including Loveboat dubbed in French  
All of the above with a good grade B signal.  
Statsionar 11 - 11 W (former Gorizont)  
6 - EBU (European Broadcasting Union) Moscow permanent feed in PAL and SECAM - good Grade B signal

Statsionar 4 - 14 West  
6 - Cubavision in evenings with fair to poor (grade C) signal in NTSC. Seems to be weaker than 11 with greater bounce.

Intelsat at 18 and 21W have poor video at 23/24 XPDR. The 21 West is almost useless at this time. Intelsat K at 21 West is a Ku powerhouse, but all signals are encrypted. Intelsat at 24 is good, but video is poor again at 23/24 XPDR.

Changes in US sats. =  
Galaxy 7 -  
2 - CBS encrypted  
19 CBS  
14 - Family Network  
ABC mostly now on T302 at 85 W - XPDR'S 4, 8, 10, 11 & 19  
ABC West on G3 - 19  
CBS has migrated mostly to the new G4 on XPDR'S 16 thru 21.  
Delete the SportsChannel on Satcom 2 XPDR 17  
Gala Americana testing 12 hour program on TDRS 4 41 West transponder 11 in PAL.  
Be aware that Galaxy 6 is now Galaxy 4  
Many changes on Morelos birds.  
Delete all video except XPDR 14. others are currently used for feeds.  
On Morelos 2 - Add-  
XPDR 10 - XHIMT - with ID's as Canal 22  
16 - Senal de Prueba from 21 in the clear so far  
18 - Educational feeds  
24 - XHDF - Channel 13 -

That's all for now. See you in 30.

*George*

# EASTERN TV-DX

Stephen West  
26 Dougherty Blvd. G-8  
Glen Mills, PA 19342

(215) 358-2648

September 1993

Deadline: September 5

Skip season is finished without any unusual openings of double hop, high maximum usable frequencies or any extremely short or long single hop distances reported. The best day for skip was 7-11 but many reporters had skip on various days when others in the club had no skip to report. Tropo is on the upswing with July 4, 6, 7, 9, 11 and 12 reported by several members.

The WTFDA convention featured 600 mile tropo to Texas. Did someone order DX from room service or did they make a request to an authority much higher up?

As usual some of the best DX was sited from the Sunshine State.

Many thanks to reporters for sending reports in the proper format and especially the reports that are published intact as submitted. The reports that have required typing by this editor have been reasonable in size. I like to fill empty areas with logos so send them along with reports. You may want to fill areas with comments on programs or anything unusual about a station. Some reporters using word processors and computers have trouble making double columns but as long as the columns (date, mode, time, call letters) are in order and there isn't a lot of empty space that is fine.

Be sure to check the weather forecasts for approaching hurricanes, which can produce the best tropo conditions. More important, don't forget to report your DX.

The more your report conforms to the format the less chance for edits. You are your own editor.

Thanks for the extras sent with reports, sorry I can't answer every correspondence. My mother passed away in July, I've been busy.

Doug Smith W9WI                    14 Brookside Ct., Nashville, TN 37209-4503

## June 1993

10 Tr	2100	WTVQ-36	KY	(182)	(W36AK off)
		WKYU-24	KY	( 66)	(over local W24AE)
		W43AG	KY	( 62)	(Hopkinsville LPTV)
		W62BH	KY	( 61)	(Hopkinsville TBN)
		W55AJ	KY	(117)	(Hawesville KET-PBS)
		WHIQ-25	AL	( 95)	
		WEHT-25	(KY)	(121)	
		WDRB-41	(IN)	(157)	
		WLKY-32	(IN)	(158)	
		unID-20			(beaming WNW - WICS-IL?)
27 Tr	0800	WBNA-21	KY	(139)	(VERY rare-- 2nd time seen)
		WCET-48	OH	(234)	(Sesame St. => Barney w/o ID, except they supered one over the beginning of Barney.)
		WKEF-22	OH	(275)	(over WCTE-22)
		WDRB-41	(IN)	(157)	
		WLKY-32	(IN)	(158)	
		WKRC-12	OH	(234)	

## July 1993

9 Tr	2318	WCHS-8	WV	(304)	(Rush Limbaugh, local ads)
		WPBY-33	WV	(293)	
11 Tr	0022	WEHT-25	(KY)	(121)	(snow-free)
	0117	unID-21			(weak with HSS // W24AE. Suspect WBNA-KY.)
		unID-64			(weak)
25 Tr	(Convention DX, between midnight and about 10AM)				
		KETG-9	AR	(378)	
		KOLR-10	MO	(339)	
		WHAS-11	(IN)	(155)	
		KHOG-29	AR	(395)	(loop only!)
		KSPR-33	MO	(339)	(snow-free with loop!)
		KDTX-58	TX	(610)	

Jim Renfrew, 61 Wilcox Street, Rochester, NY 14607-3832

Equipment: JVC auto radio, old GE TV  
with rabbit ears. 717-461-2717 (h)  
717-494-1847 (Tu & Th)

## June 1993

3 Es 1312 KCEN-6 TX (1322) (t)  
15 Es 1912 WCBD-2 SC (726)  
"My shortest skip to date!"  
21 Es 2002 WDIQ-2 AL (940) (t)  
25 Es 1202 KATC-3 LA (1197)  
1304 WLBT-3 MS (1018)  
1306 WMAB-2 MS (884)

## June 1993

28 Es 1230 WPBT-2 FL (1209)  
July 1993  
1 Es 1406 WCTV-6 GA (920) (t)  
"The M.U.F. was at 107.3 Mhz.)

All times listed are EDT, Ch. 6  
receptions were on the car radio.

Jeff Falconer, Box 63, Clinton, Ontario Canada N0M 1L0

Equipment: Icom R7000, 25 element log periodic at 25 feet AGL.

## December 1992

18 Es 0134 KNOP-2 NE (997)  
0201 KWGN-2 CO (1242)  
0214 KCNC-4 CO (1242)  
19 Es 1527 UNID-2 PQ (t) (Fr.)  
1699 WGBH-2 MA (536) Prev. MS  
tr 1808 WTAE-4 PA (234)  
21 Es 0334 CKYB-4 MB (972)  
0353 CKND-2 MB (857)  
1058 WEDU-3 FL (1084)  
1059 WPBT-2 FL (1236)  
1100 WESH-2 FL (997)

## June 1993

12 Es 1200 WTVY-4 AL (883)  
21 Es 1717 WWL-4 LA (1056)  
1747 WETB-2 FL (997)  
24 Es 1729 WPBT-2 FL (1171)  
1730 WJXT-4 FL (918)  
1732 WPTV-5 FL (1171)  
1733 WEDU-3 FL (1084)  
26 Es 1551 KJRH-2 OK (923)

## March 1993

27 tr 0815 WEHS-60 IL (332)  
0816 WSNS-44 IL (332)  
0818 WCIU-26 IL (332)  
0830 WINM-63 IN (223)

Skip in the middle of the  
night, an insomniacs dream!  
I changed the 12-19 logging  
from WGBS-2 to WGBH-2, I  
didn't think my local Ch. 57  
had a station in Mass. sw

SAUL CHERNOS - 57 BERKELEY ST., TORONTO ON M5A 2W5 (416) 364-0725

## June 1993

11 Es (Burnt River)  
1050 unID 2 Spanish and mentions Cuba, Mexico  
1055 KPRC 2 TX Houston

## July 1993

## 7 Tr (Toronto)

0825 WNWO 24 OH Toledo  
0830 WVIZ 25 OH Cleveland  
0835 CICO32 32 ON Windsor TV Ontario  
0845 WGPR 62 MI Detroit  
0850 CBLN 64 ON Chatham CBC English  
0900 CIII55 55 ON Fort Erie Global  
0905 CICO 59 ON Chatham TVO  
0910 CICO 51 ON Penetang TVO

## 11 Tr (Toronto)

0800 W38AW 38 NY Rochester MSTV LPTV  
0810 W15AL 15 NY Rochester LPTV  
0820 W 59 NY Rochester xltr // 49 Buffalo

## 12 Tr (Toronto)

0855 CBLFT12 53 ON London CBC SRC

## 24 Es (Burnt River to AR, MO, OK, TX)

1200 ABC 2 (WBRZ???)

1203 Winnie the Pooh cartoon, separate maybe from the ABC

## 25 Es (Burnt River)

2100 KGFE 2 ND Grand Forks Prairie Public TV



**WITN-TV 2**

COMMENTS: Because the tower is down at Burnt River - my parents rebuilt the place and an antenna isn't up yet - I've made do with indoor rabbit ears and a car FM radio. Otherwise I'd have more in the Es dep't. In Toronto, only ch. 2 is viable for Es in my downtown apartment, and, with a mere dipole for VHF for the time being, I've only had unIDs for Es, preferring to concentrate on FM.

73s, Saul

TOM BRYANT - 849 TODD PREIS DRIVE - NASHVILLE, TN 37221 - 615-646-2000 - (CDT)

EQUIPMENT: VHF & FM: Antennacraft CS-1000 @ 20'; UHF: Antennacraft P-5 parabolic w/Antennacraft preamp @ 25'; RG-6 coax on both; Archer rotor; Emerson VCR (model 754); Portland 13" color receiver. New loggings underlined. Relogs noted only when rare.

July 1993

4 Tr 0550	<u>WGBD</u> 66	IL 407	4 Tr 0630	<u>WLFI</u>	18 IN 301.	9 Tr 2325	<u>WCHS</u> 8	WV 319
0559	<u>WEHS</u>	60	IL 405	0630	<u>WJYS</u>	62	IN 384	23-24-25 (SEE NOTES)
0559	<u>WESEB</u>	65	IN 196	6 Es	1859	KENW	3 NM 963	26 Tr (SEE NOTES)

(rel-Terre Heute)

NOTES: Lousy month for Es with only one stn ID'd..pretty terrible Es summer for that matter (but I did snag two new ones in June). The convention catches left me in a bit of a predicament. I would have liked to have counted ALL the stuff they got while I was present in the room, but decided that wasn't really fair...so I opted to add only three stns to my home log (less than 25 miles from convention site): KMTV 9 OK 594; WFAA 8 621 TX; and KTEM 10 OK 556. My reasoning was that I was operating the receiver at the time these were logged (7/25 between 0400 and 0530); it was the tv set from my shack; and I was only casually observing the UHF catches being snagged by Bob Seybold. At any rate I managed to get one new state out of the 'DX Shootout'. 7/26 saw a big evening Tr opening from NW thru NNE..all relogs. Peoria, Indy, Springfield (IL), Lexington (KY), Dayton, etc. all s/f or near s/f. Finally, thanks to everyone who came to the convention as well as a couple of members who called to wish us well. It was really a lot of fun; and although hosting precluded some of the more leisurely socializing and gabbing, it was still a blast. There's a detailed report elsewhere in this issue. Hey...I'm already looking forward to next year! 73's and godDXing. — Tom

Joseph Fela, 150 Robert Place, So. Plainfield, N.J. 07080

August 1993

3 tr 0845	WLTX-19	SC (550)
WOLO-25	SC	
WRLK-35	SC	

"Some nice early morning humidity ducting that develops out of nowhere, comes bombing in strong, then fades out completely in less than an hour."

August 1993

4 tr 0850	Springfield, Mass. U's
5 tr 0900	WUNG-58 NC
2100	Boston U's snowfree

Stephen West, 26 Dougherty Blvd. G-8, Glen Mills, PA 19342-1140 N3FYO

Equipment: Winegard PA-4975 UHF amp., 8-Bay UHF antenna indoors at 400' ASL.

July 1993

16 tr 0835 WSEE-35 PA (300) (t)

August 1993

2 tr 0830	WNSC-30	SC (440)
	WRLK-35	SC (480)
4 tr 0830	WCCB-18	NC (420)
	WUNM-19	NC (320)
	WLFL-22	NC (320)
	WTAT-24	SC (t)
	WNSC-30	SC (440)
	W34AX-34	NC

August 1993

4 tr 0900	WRLK-35 SC
	WCTP-36 SC (t) (tone)
	WFCT-62 NC (370)
	WZKK-65 VA (180)
8 tr 2300	WUNM-19 NC (320)
10 tr 0830	WUNM-19 NC
	WHMC-23 SC (430)
	2030 WUNM-19 NC
11 tr 2100	Boston U's
	WUNM-19 NC

Skip has skipped town but tropo has taken over. There has been a lot of Virginia and Connecticut tropo which I don't report. WPDE-15 in South Carolina has been seen on the Ch. 25 Xlitr. of WHRO-15. I probably had Ch. 5 in Boston one night but I missed the ID, they mentioned NewCenter 5 News. Ch. 14 in Arlington, VA is on now. They have Home Shopping but it is different than Ch. 24 in Baltimore, but no better. They have a red house in the corner instead of blue. It is interesting to note that Joe Fela had ducting to South Carolina on mornings I didn't, and vice versa.

Dave Nieman - 12284 Nice Road - Akron, New York 14001-9529

Equipment: RCA 19" b&w TV with Teknika 6510 tuner, Channel Master 3617B VHF antenna on a CDE rotor at 23' AGL (813' ASL). Channel Master 4251 (7' dish) UHF antenna into a Blonder-longue CMA-Ub preamp on a crankup tower at 30' AGL (820' ASL) with Alliance HD-73 rotor. Using RG-11 coax feed for both antenna. New loggings are underlined. New call (KKKK).

July 1993	July 1993	July 1993
1 Es 1359 WEDU-3 FL 1065	6 Es 1130 KLINE-3 NE 1091	16 Es 1139 KBME-3 ND 1143
1400 WCPX-6 FL 1002	1258 KOTA-3 SD 1235	20 Es 0000 C777-3 SK ????
	1328 WLBT-3 MS 983	(see Note #1)

## NOTES:

#1 Call slide for CKOS-5 Yorkton Saskatchewan.  
Skip season has come to a quick end and no sign of any long haul tropo. Dave

Dave Nieman - Ho Sta Geh Road - Rock City, New York

Equipment: Harvard 13" color receiver/monitor, Channel Master 3617B VHF antenna at 15' AGL (2405' ASL) on a Radio Shack rotor, RG-6 coax feed into Winegard FT-7600 FM trap and DA-205 distribution amp. Antennacraft P-7 (7' dish) UHF antenna into a DX Tele Lab EU-45 preamp at 25' ASL (2415' ASL) on a Alliance U-110 rotor, RG-11 coax feed. New loggings are underlined. New call (KKKK)

July 1993	July 1993	July 1993
4 Tr 0729 WMHT-12 NY 232	5 Tr 0411 WRGT-45 OH 341	30 Es 1900 WEDU-3 FL 1002
(see Note #1)	(see Note #2)	August 1993
0830 WCDC-12 MA 274	0438 WLIO-35 OH 306	1 Tr 0830 CBLFT14-32 ON 186
	(see Note #3)	0900 CHOT-40 PQ 274
	0500 WILW-44 OH 308	(see Note #4)
	0700 WLYJ-46 WV 212	

## NOTES:

#1 Over WNED Buffalo, NY  
#2 Running 3/4 modified color bars with ID on it.  
#3 Running 3/4 color bars with ID on it.  
#4 Running 3/4 color bars with no ID on it. Sign-on at 09:00.  
Been some short haul tropo on the weekends. July 30th I mistook the CCI on the low band as tropo. It turned out to be E-skip to Florida; but I missed some IDs. Dave

Eric Voytko 1721 Dalewood Place, McLean, VA 22101 703-356-9663

Equipment: All loggings from Pickett Rd, Fairfax, VA; Sony KV-8AD11 TV, Archer U-120  
Winegard CP-4800 amp at 25 ft.

July 1993	12 Tr 0730 WS2AX MD 40	15 TS 0605 WTJC-26 OH t
9 Tr 0830 WKFT-40 NC 260	(Leonardtown MSTV)	(note #2)
WUNP-36 NC 190	WGNT-27 VA 150	26 Tr 0715 WVIT-30 CT 290
WUNJ-39 NC 320	WTVZ-33 VA 150	0730 WYDO-14 NC 250
W38BB NC 240	WHRD-15 VA 150	WUNM-19 NC 260
(Raleigh TBN)	WYDO-14 NC 250	W41AC VA 110
WUNA-19 NC 260	WYED-17 NC 240	(Oxoncock WAVY-10)
WYDO-14 NC 250	W34AX NC 190	W44AD VA 110
WYED-17 NC 240	(Henderson CHA)	(Oxoncock WTKR-3)
WUNK-25 NC 230	WUNP-36 NC 190	WS6CS VA 150
WRDC-28 NC 240	WUNJ-39 NC 320	W60AL VA 110
W43? VA 150	WKFT-40 NC 260	(Oxoncock WVEC-13)
(Va. Beach HSC)	W43? VA 150	W25AA VA 110
W58CD NC t	WS6CS VA 150	(Oxoncock WHRD-15)
(note #1)	(Portsmouth HSS)	WUNK-25 NC 230

Note #1-Received this one several times with HSS while Raleigh was in good, but no ID.  
I know W58CD is licensed to Raleigh, but don't know if they run HSS.

Note #2-Brought in the R-7000 this day and had no tropo, but some interesting scatter. This station was 26+, definitely HSC (not Spree) and due west. Could be WTJC or K26CR-MO; although I doubt it's the latter, either one is rare path under and conditions.

STATION NOTES: WRDC-28 Durham non-ID's as "Tri-28" (Raleigh, Durham, Chapel Hill)  
WFTY-50 D.C. runs Valuevision at night

COMMENTS: Lots of new LPTV's from the big hill in Fairfax. North Carolina openings are much better here than at McLean, even though the dish is there. The U-120 is a poor performer by comparison, though; northern stations are impossible (WVIT could only be received off back) and the nulls are few. I would like to install a dish here, though it would have to be a retractable installation as this area is known locally as 'tornado alley'. -E.V.

Jeff Wolf, 1131 University Blvd., Apt. 701, Silver Spring, MD 20902

Equipment: Daytron 12" B&W TV, Sears AM/FM/TV radio, Radio Shack 15-1104 VHF/UHF amp (only used for UHF), 4 bay UHF antenna, twin bow tie UHF antenna (both Radio Shack), Radio Shack 15-235 rabbit ears (used for VHF) and also using the buildings VHF antenna for channels 2,3,4,5,8,9,10,11 and 13 (antenna is pointed northeast).

July 1993

1 Es 1927 WPBT-2 FL (900)  
 3 Es 1015 CUBA-3 (t)  
 1342 KATC-3 LA (t)  
 1515 (M.U.F. 92.9)  
 1530 KFDX-3 TX (1225)  
 2240 UNID-2 (NBC)  
 4 Es 1115 CUBA-2 (t)  
 5 tr 0858 WYDO-14 NC (250)  
 6 Es 1900 WPBT-2 FL (900)  
 8 tr 0750 WRDC-28 NC (248)

July 1993

12 tr 0700 WYDO-14 NC (750)  
 15 Es 1904 KGAN-2 IA  
 24 Es 1207 UNID-3  
 tr 1529 WQEX-16 PA (186)  
 25 tr 0102 WPIX-11 NY  
 WCBS-2 NY  
 Es 1518 UNID-3 (ABC)  
 1529 WQEX-16 PA  
 1804 WBRZ-2 LA (950)  
 tr 2100 HSN on ch. 43 VA

Frank Wheeler, 8533 Wattsburg Road, Erie, PA 16509

Equipment: Crosley Color TV (1992), Archer VU160 antenna

June 1993

23 Es 1055 WPBT-2 FL (1112)  
 24 Es 1900 WPBT-2 FL  
 1927 WWL-4 LA (1002)  
 25 Es 1100 WPBT-2 FL  
 1130 WTVJ-4 FL  
 1220 WEDU-3 FL (988)  
 1230 WWL-4 LA (1002)  
 1301 WBRZ-2 LA (1016)  
 28 Es 1055 WPBT-2 FL  
 1159 WEDU-3 FL  
 1300 WTVJ-4 FL  
 2200 KPRC-2 TX (1212)

June 1993

30 tr 0725 WCMU-14 MI (254)  
 0930 CFMT-47 ON (115)  
July 1993  
 1 Es 1303 WEDU-3 FL (988)  
 1330 WPBT-2 FL  
 WUFT-5 FL (862)  
 WTVJ-4 FL (1112)  
 2000 WESH-2 FL (908)  
 3 Es 1057 WPBT-2 FL  
 1327 WBRZ-2 LA  
 1330 WEDU-3 FL  
 1530 KPRC-2 TX (1212)

Sorry I didn't receive your report of May 13th (unlucky even on a Thursday I guess) so I will print it if you can send it again. sw

Keith R. Short, 3515 Medina Avenue, Columbus, Ohio 43224

Equipment: 1978 Sears 19" Color TV, Archer Color Supreme 200 amplified indoor antenna, Archer double bow tie UHF antenna, Sears 26" Color TV (1987) with an Archer Supreme amplified TV/FM antenna.

June 1993

3 tr 0145 WTSF-61 KY (129)  
 18 tr 2330 WXIX-19 KY (111)  
 WOUB-20 OH  
 WUPW-36 OH (144)  
 28 Es 1355 WPBT-2 FL (1261)  
 30 tr 0127 WMFD-68 OH  
July 1993  
 7 tr 1255 WTWO-2 IN (249)  
 10 tr 2100 WBOY-12 WV (180)  
 2140 WSTR-64 OH (111)

July 1993

10 tr 2335 WTRF-7 WV (126) \*  
 2345 WPTT-22 PA  
 11 tr 0040 WPTD-16 OH  
 WKEF-22 OH  
 WRGT-45 OH  
 0055 WAKC-23 OH (126)  
 0105 WLIO-35 OH

\*mentioned Tri-State area

Thanks for the report and the WPBT-2 reception verification, it's good to hear from new reporters (and the regulars)! sw

Channel 7 in Philadelphia

6:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30
R.J. and Co.	Radio on TV	Psychic Advice Line 22015		Astrology/Numerology		All Night Psychic Line 83763	

JUNE 1993

JUNE 1993

3 Tr	0726	KADN-15	LA	667	9 Tr	0636	Wilmington U's	JULY 1993	5 Es	1729	KTVO-3	MO	1011	
	0727	KETH-14	TX	858		0636	WPDE-15	SC	421	1753	WJIV-4	MI	970	
	0727	KRIV-26	TX	857		0636	WKFT-40	NC	502	1757	K1MT-3	IA	1154	
	0727	KTMD-48	TX	841		0636	WFCT-62	NC	459	1907	KMTV-3	NE	1210	
	0727	KHSH-67	TX	858		0641	WUNP-36	NC	574	1918	KDFW-4	TX	971	
	0727	KHTV-39	TX	858		0651	WJZY-46	NC	473	1927	KFDX-3	TX	1081	
	0727	KXTX-39	TX	970		0654	WCNC-36	NC	408	1933	KOCO-5	OK	1062	
	0728	KXAN-36	TX	997		0705	Had to leave...			2029	KENS-5	TX	1023	
	0730	KBVO-42	TX	997		2038	Florence 13, 15			Tr 2040	Mobile-Pensy U's			
	0731	KXLN-45	TX	858		2038	Wilmington U's				+ WKRG-5	AL	419	
	0731	KNCI-46	TX	991		2038	Many other SC U's			Es 2047	KXAS-5	TX	971	
	0731	KHSX-49	TX	970		2214	W44AX SC 310			9 Es 1212	KBTX-3	TX	893	
	0739	KVDA-60	TX	1023		Charleston (TBN)				1221	KDFW-4	TX	971	
	0757	KITU-34	TX	765		2217	WCTP-36 SC 320			1230	KPRC-2	TX	858	
	0800	KDAP-33	TX	970		Charleston				1241	KXAS-5	TX	971	
	0806	KDTX-5	TX	970	10 Tr	0446	W48BH GA			1248	KFDX-3	TX	1081	
	0852	KTFH-49	TX			Statesboro				1249	KTXT-5	TX	1262	
	0900	KVHP-29	LA	746		(see note #1)				1259	KMOL-4	TX	1023	
Es	0907	WFSB-3	CT	1032	11 Tr	0011	WLFL-22	NC	518	11 Es	1550	KPRC-2	TX	858
	0907	WSTM-3	NY	1037		0011	WPTF-28	NC	521		1550	KIII-3	TX	991
	0913	KFOR-4	OK	1062	12 Es	1555	WDIV-4	MI	970		1600	KJAC-4	TX	770
	0920	KFDX-3	TX	1081		1558	WSTM-3	NY	1037		1637	KENS-5	TX	1023
	0924	KTBS-3	LA	802		1604	WFRV-5	WI	1158		1643	KMOL-4	TX	1023
	0940	KFSM-5	AR	902		1633	WNEM-5	MI	1042	12 Es	1804	XHTV-4	DF	1283
	0950	KCTV-5	MO	1051		1659	WPSX-3	PA	885		1815	XHGC-5	?	T
	1050	Khad to leave...				1810	CKVR-3	ON	1097				(tiny Toons)	
Tr	2208	KMCT-39	LA	692		2114	KTIV-4	IA	1279	14 Es	1304	KGBT-4	TX	1022
	2208	KARD-14	LA	692	16 Es	2050	KMOV-4	MO	863				(Log now at 474 stations)	
	2211	WDAU-34	AL	368		2138	WDAF-4	? MO	T					
	2213	WMCF-45	AL	396		2138	KCTV-5	? MO	T					
	2213	WGNX-46	GA	408	17 Tr	0515	Macon U's		323					
	2213	KHSX-49	TX	970		0518	Atlanta U's		408					
	2218	WACH-57	SC	383	18 Tr	0040	SC 19, 24, 25							
	2214	KHSH-67	TX	858		0500	Macon U's		323					
	2222	WAQI-26	AL	399		0500	Atlanta U's		408					
	2222	WIIQ-41	AL	472		0500	WTLK-14	GA	458					
	2222	WEIQ-42	AL	422		0505	WCNC-36	NC	467					
	2236	WEU-69	GA	406		0505	WJZY-46	NC	473					
	2239	KXTX-39	TX	970	Es	1930	WTWV-5	NY	1038					
	2239	KDAP-33	TX	970		2025	KCTV-5	MO	1051					
	2242	WSWS-66	AL	369		2056	WMAQ-5	IL	990					
	2303	WOLU-25	SC	384	19 Es	0945	unID-2, 3, 4							
	2349	WJPM-33	SC	409	21 Es	1205	WAPA-4	PR	1198					
	2353	WBMG-42	AL	473		1205	WIPM-3	PR	1190					
4 Tr	0000	KMSS-33	LA	802		1207	WKAQ-2	PR	1198					
		(ID came out of nowhere then gone)			24 Es	1816	CFCM-4	PQ	1373					
	0005	WJSP-28	GA	361		1845	WBZ-4	MA	1106					
	0008	WCAJ-68	AL	474		1850	WFSB-3	CT	1032					
	0440	KLRT-16	AR	786		1900	WABI-5	ME	1303					
	0442	WLFL-22	NC	518	29 Es	1124	KRGV-5	TX	996					
	0442	WGBC-30	MS	512		1124	KGBT-4	TX	1022					
	0510	WGFT-48	NC	515		1141	KIII-3	TX	991					
		+ many of the same stns as last night				1142	XHPN-3	CL						
5 Tr	2100	WFHG-61	FL			(see note #2)								
		Palm Beach												
6 Tr	0656	WSE-23	FL	380										
	0658	WSPM-15	AL	407	2 Es	1149	KIII-3	TX	991					
	0658	WHRB-33	(AL)	407		1258	KFOR-4	OK	1062					
	2248	Mobile-5, 15, 42				1430	KTXT-5	TX	1262					
	2248	Pensacola 23, 44				(see note #3)								
7 Tr	0736	KMSS-5	U's		3 Es	1124	WCCO-4	? MN	T					
	0737	WDAU-34	AL	368		1129	KTVO-3	MO	1011					
	0738	WGNX-46	GA	408		1259	WOI-5	IA	1148					
	0800	WAPT-16	MS	599		1414	WNEM-5	MI	1042					
	0805	WDDB-40	MS	594		1605	WFRV-5	WI	1158					
	0815	WXXV-25	MS	490		1726	WBFH-4	JL	1037					
Es	1129	KTVY-3	MO	900		1746	KXAS-5	TX	971					
	1149	KMOL-4	TX	1023		1900	KMOL-4	TX	1023					
	1153	KPRC-2	TX	858		1900	KJAC-4	TX	770					
	1159	unID-3	full CB			1901	KATC-3	LA	673					
	1224	KIII-3	TX	991		1912	KIII-3	TX	991					
	1229	KENS-5	TX	1023		1914	KGBT-4	TX	1022					
	2302	WJKA-26	NC	429		1917	KPRC-2	TX	898					
	2302	WUNJ-39	NC	429										
	2302	WCNC-36	NC	467	5 Tr	0007	WPDE-15	SC	421					
	2332	WLTX-19	SC	387		0007	WTAT-24	SC	320					
	2337	WTVI-42	NC	464		0007	WJKA-26	NC	429					
	2337	WUNW-58	NC	467		0007	WUNJ-39	NC	429					
	2338	WRJA-27	SC	376	Es	1345	unID-4	SS						
	2344	WIS-10	SC	389		1348	KGBT-4	TX	1022					
8 Tr	2030	Wilmington U's				1426	KRGV-5	TX	996					
	2030	SC 15, 19, 27, 33				1427	KIII-3	TX	991					
	2051	WYDO-14	NC	532		1715	WMAQ-5	IL	990					
						1720	WTMJ-4	WI	1010					

between summer skip and fall tropo! 73, JOHN.

# WESTERN TV-DX

Fred McCormack  
PO Box 65666  
St. Paul MN 55165-0666  
(612) 735-6860

September 1993

Deadline: 10-07-93  
Cut-off: 07-01-93

It looks like July was a good month for TV-DX. The column has swelled to 12 pages of loggings and commentary (although a significant portion of the column is dedicated to old loggings). E skip was reported by someone on every date in July with the exception of 20, 22, 28, and 31. One hot E skip date was the 14th when Mike Cherry found 6 meters open to "just about every part of the US and southern Canada all at once." Long haul UHF was noted from Illinois to Texas by Robert Delaney on the 25th and 26th and from Baton Rouge to Nuevo Leon by Jeff Kruszka on the same dates. And there was lots more!

The column is being printed on a crippled printer this month. I don't know yet what has happened, but the result is that the bottom row of each character is not printed. This affects the frequently used underline as well as the lower case letters g, p, q, and y. I can't do much about those letters, but this month I am attempting to use bold print to indicate new loggings instead of the traditional underline. I hope it is obvious in the final production.

New	New Mode	Tent. - t	Unidentified - unid	S/On - +	S/off - =
ID Color Bars - @		Unid Color Bars - %		Misc. Test Patterns - &	
Parallel Programming - //				MTS Stereo - \$	

**THIS MONTH, NEW LOGGINGS ARE SHOWN IN BOLD PRINT INSTEAD OF BEING UNDERLINED**

Marvin Shults, RR #1, Toulon IL 61483

CDT

June 1993		9 Es 2100	KENW	3 NM	915	18 Es 1930	WUFT	5 FL	890
2 Es 1928	XEPM 2 CH 1125		KMID	2 TX	925	21 Es 1859	WCBS	2 NY	825
	unid channel 3	2156	KPRC	2 TX	855		WGBH	2 MA	960
1930	KPRC 2 TX 855	2240	KUTV	2 UT	1160		WLBZ	2 ME	1095
	<i>KVBCt 3 NV</i>	11 Es 0628	WUND	2 NC	810				
2202	KASA 2 NM 970	12 Es 1430	WESH	2 FL	965	July 1993	KWGN	2 CO	810
	KTVK 3 AZ 1330	1458	WPBT	2 FL	1180	1 Es 1930	KASA	2 NM	970
2214	KPHOT 5 AZ	13 Es 1336	KRTV	3 MT	1140	1934	2000	KENW	3 NM 915
5 Es 1512	CKCW 2 NB 1290	1338	CKKX	2 AB	1345		KELO	11 SD	380
	CKLT 3 NB 1220	1340	KTVQ	2 MT	985	3 tr 0553	WEDU	3 FL 1010	
8 Es 1930	XEFE 2 TA 1085	16 Es 2159	<i>XEPMt</i>	2 CH		Es 1430	WPBT	2 FL	1180
1959	KPRC 2 TX 855	17 Es 1759	KUTV	2 UT	1160				
2000	KMID 2 TX 925	1800	KSL	5 UT	1165	6 Es 1959	XEPM	2 CH 1125	
9 Es 1650	%unid channel 2	2100	unid ch 2 Mexico				unid ch2 Spanish		
1656	unid ch 3 PBS	18 Es 1859	WPBT	2 FL	1180	9 Es 1957	KWGN	2 CO	810
1948	ICR 2 Cuba		WEDU	3 FL	1010	2041	KUTV	2 UT	1160
2030	XEJ 5 CH 1125	1900	WESH	2 FL	965				
2100	XEPM 2 CH 1125	1929	WTVJ	4 FL	1180				

Jeff Kruszka, 7706-M N Jefferson Place Cir, Baton Rouge LA 70809 (504-923-0196) CDT

#### Equipment:

1992 Zenith "Sentry 2" 13" color TV (Model #S1318S). UHF: RDX Labs UA-900 preamp, Channel Master 4228A 8-bay @30 ft. VHF: Rabbit ears + quad loops for chs. 3 and 5. Mitsubishi HS-U31 VCR.

July 1993		3 tr 0636	KLDT	55 TX	380	5 tr 0752	KVDA	60 TX	445
1 Es 1720	unids 4,5	0651	<i>OKXXV</i>	25 TX	360	Es 1152	unid SS	3,4	
1805	KXJB 4 ND 1130	0652	KBVO	42 TX	395	1708	WWAY	3 NC	810
1808	KDLO 3 SD 1025	0654	<i>OKFWD</i>	52 TX	395	1712	WECT	6 NC	805
1828	KDLH 3 MN 1080		(o/local K52CQ )			1716	WUNC	4 NC	790
2 Es 1459	unids 3,4	0703	KXAN	36 TX	395	1728	WRAL	5 NC	810
3 tr 0531	<i>@KLRT</i> 16 AR 305	0905	KVDA	60 TX	445	1924	unid 3 Spanish		
0541	KABB 29 TX 445	Es 1450	unids 3-6			2126	unid 6		
0554	KLTV 7 TX 280		(No time)			6 Es 1701	unid CBs 3!		
0559	KXTX 39 TX 365	2140	KDBC	4 TX	910	1714	unids 4,5		
0600	KDFI 27 TX 365	2158	KOB	4 NM	955	1743	WRC	4 DC	985
0606	unid 27 TBN to n	5 tr 0745	<i>WMAV</i>	18 MS	295	1800	KYW	3 PA	1120
0610	KTXA 21 TX 395		(// WMAU-17)			8 tr 2328	<i>W58BO</i>	58 MS	80
	KHSX 49 TX 375	0752	KXAN	36 TX	395		(Natchez		
0622	<i>@KHCE</i> 23 TX 445		KRRT	35 TX	475	2330	unid 27 TBN		

## Jeff Kruszka (continued)

12 Es 1738	unid 3	wk brief	24 Es 1845	XHTV	4 DF	925	26 tr 0110	K17BY	17 TX	445	
15 Es 2200	unid 3	vv brief	tr 2200	KLRU	18 TX	395	(San Antonio	GLA)			
18 Es 1140	unids 3,4		2230	KMBO	60 TX	495	0116	KNVO	48 TX	525	
23 tr 0601	KUVN	23 TX	365	KVDA	60 TX	445	0133	=XHMLN	28 NL	650	
2324	KRRT	35 TX	475	KTXA	21 TX	395	(2 nights in a row!)				
2330	KNCT	46 TX	375	0124	KAVU	25 TX	370	0148	K22DP	22 TX	310
2355	KDFI	27 TX	365	0136	KVEO	23 TX	500	(Bryan	VJN - u/	KLTJ)	
2358	KTXA	21 TX	395	0207	=XHMLN	28 NL	0158	KXAM	14 TX	445	
24 tr 0001	KCTF	34 TX	360	Es 1821	TGV	3 GU	1100	0206	K33CK	33 TX	445
0024	KVEO	23 TX	500	tr 2158	KEDT	16 TX	425	(San Antonio	TBN)		
0036	KLDO	27 TX	540	2300	K50AO	50 TX	425	K31AI	31 TX	265	
0105	KWTX	10 TX	360	(Corpus Christi	VJN)			(Huntsville	TBN)		
0128	@KHCE	23 TX	445	2322	KWEX	41 TX	445	0245	K16BY	16 TX	265
0130	=KORO	28 TX	425	2326	K47DF	47 TX	425	(Crockett	LPTV)		
0211	=KVUE	24 TX	395	(Corpus Christi	LPTV)			0311	KLDI	55 TX	380
0248	@KSAT	12 TX	445	0000	KLDO	27 TX	540	0400-0500	1 hr sleep		
0254	KTBC	7 TX	395	0018	KORO	28 TX	425	0519	@KVTW	13 TX	540
								0555	+KTAB	32 TX	525

E-skip improved somewhat this month, though the signal strengths were still weak most of the time. For some reason, N. Carolina has always come in super clear for skip. Tropics on the 25th and 26th were excellent - I ended up pulling an all-nighter on the 26th and calling in a 1/2 day of vacation at work!

(Your TBN on channel 27 from the north could be K27EF at Monroe. This construction permit was granted on August 4, 1992 with an authorized erp of 11.7 KW. I don't know if it is on. fm)

Mike Cherry, Box 631, Ganges BC V0S-1EO (604-537-5201)

PDT

Equipment: See August 1993 Western TV-DX.

June 1993	29 Es 0700	\$KVBC	3 NV	986	14 Es 1000	KDUH	4 NE	1080			
20 Es 1159	CBWFT	3 MB	1167	0743	KTVK	3 AZ	1223	1033	KDLO	3 SD	1245
1200	KXJB	4 ND	1207					1059	KDLH	3 MN	1452
1230	KBME	3 ND	1062	July 1993				1100	WCCO	4 MN	1445
1258	CFSS	3 SK	936	2 au 1850	heavy	CCI chs2-4		1128	\$KVBC	3 NV	986
1300	CBKMT	4 SK	792	4 Es 0929	KNAZ	2 AZ	1137	1130	XHBC	3 BN	1197
1334	\$KTWO	2 WY	926	0958	KTVK	3 AZ	1223	1200	\$KMTV	3 NE	1428
1359	KWCW	4 WY	833	(See notes)				1331	KREG	3 CO	1028
1428	KVBC	3 NV	986	5 Es 1914	KVBC	3 NV	986	1358	KCCZ	4 UT	940
1444	KTVU	2 CA	769	10 Es 1900	KTVK	3 AZ	1223	1400	KVBC	3 NV	986
21 Es 0900	KVBC	3 NV	986	13 Es 1834	KTIV	4 IA	1376	1430	KTWO	2 WY	926
(0900-1112)				1900	KIMT	3 IA	1596		KCWC	4 WY	833
1759	\$KENW	3 NM	1245	14 Es 0856	KYTV	3 MO	1725		KENW	3 NM	1467
1800	KASA	2 NM	1245	0859	KCWC	4 WY	833	1458	KWGN	2 CO	1096
22 Es 0935-1340	southern CA			0900	KXGN	5 MT	877	1500	KOB	4 NM	1280
MUF:3+ - at work				0919	CITL	4 AB	662	1531	KTWS	3 CO	1150
25 Es 2057	KLBY	4 KS	1277	0930	CKVR	3 ON	2072	1600	KWGN	4 CO	1096
2100	KSWK	3 KS	1350	(New province!!)					\$KCNC	2 OR	476
28 Es 1120	KOTA	3 SD	1015	0931	CBKMT	4 SK	792	15 ms 0543	KOTI	2 OR	(23 seconds)
(1120-1230)				0946	KTVX	4 UT	794				
29 ms 0523	KBCI	2 ID	499	1000	\$KLNE	3 NE	1311	0559	KSWK	3 KS	1350

E skip season so far has had average number of hours duration, but above average long-haul skip. I hesitate to call it "multi-hop" as this term only applies to SOME long-haul E skip. This is demonstrated by some of the loggings that occurred on July 14 - so far the best of many good days here in the Pacific Northwest. Some of the long-haul E skip experienced on 50 MHz (6 meters) has been of the ducting variety with no signs of intermediate area open for DX.

My favorite theory for the great conditions of July 4-15 involves the presence of horrendous low-pressure systems (the cause of the severe floods!) in the midwest coupled with the high pressure heat-wave that gripped the east coast. This theory is based on Mel Wilson's excellent 2-part "Intense Sporadic-E Propagation at Mid-Latitudes" to be found in the book "Beyond Line of Sight" by Emil Pocock. The article includes some TV-DX data plus our club's address!

July 4 opening to the Phoenix area on TV occurred while I worked into Mexico City area on 6 meters! I could also hear Phoenix and San Diego operators talking to the Mexicans - the classic "double-hop."

Mike Cherry (continued)

July 14 - what a day!! 6 meters was open to just about every part of the US and southern Canada all at once. Many times the hash on the TV screen was 4 or 5 stations deep with various audio on all 3 offsets on the Kenwood receiver. Here at my new QTH, I have less of a problem with overload from CHEK-6 on Saturna Island (Victoria, BC) and can log the real strong stuff. On 5, semi-local KING-5 is also a problem, but not with the antenna pointed due east and towards north. At 0930 whilst logging a new station and province, 50 MHz was open to south central Ontario and New England as far south as Washington, DC.

No openings yet to Alaska on VHF. I'm also watching for signs of E skip on the Russian channel R1 (49.750) video frequencies. I checked FM with a set of rabbit ears during a few openings where the 50-65 MHz got shorter than 700 miles but only heard a brief 88 MHz signal from South Dakota in early June. I hope other members are getting some good skip conditions this summer. No complaints here - except lack of E skip at FM and above. 73's Mike, VE7SKA

Christopher W. Hanley, 1321 Beecher Avenue, Galesburg IL 61401-2027

CDT

**Equipment:**

VHF antenna (unknown vintage) at approximately 30 feet. Tabletop Radio Shack UHF bow tie in the attic at approximately 15 feet. Kawasho 13" color set.

Greetings from Galesburg. I haven't written in some time, largely because there hasn't been much to write about. My outside antenna got torn down for a room addition, and we haven't had the means to replace it yet. Consequently, my tropo DX is at a standstill; channels 12 and 30 from Milwaukee in March are all I have new to show for it this year so far.

E skip has been a little better when I could get to it. Here's what I've got:

June 1993	21	Es	1817	WSAZ	3	WV	464	3	Es	1205	WPBT	2	FL	1186		
16 Es 1929	KRGV	5	TX	968	(See Note)				1400	WEDU	3	FL	1013			
18 Es 1900	KIII	3	TX	1004	1832	WFSB	3	CT	910	1408	WESH	2	FL	973		
	KRGV	5	TX	968	July 1993					1428	WUFT	5	FL	895		
	KPRC	2	TX	836	1	Es	1829	KBTX	3	TX	784	1432	WPTV	5	FL	1147

Note - State number 27 and my shortest E skip ever!

Hope things are going well for everyone who reads this. God bless and 73's.

William Draeb, Ellis St., Rt. #2, Kewaunee WI 54216 (414-388-2350)

CDT

**Equipment:** See August 1993 Western TV-DX.

July 1993	3	tr	0510	W40AN	41	MI	95	4	tr	0639	WTWO	2	IN	360	
1 Es 1300	unids	chs	2 & 3	(Escanaba w/WISN-12)				(Local WBAY off)							
1530	KCNC	4	CO	965	(Normal WLUK-11)				0703	WKGB	53	KY	510		
1716	KBTX	3	TX	1065	Es	1420	WDIQ	2	AL	890	WKLE	46	KY	480	
	KDFW	4	TX	965	WEAR 3(AL) 955				W68AAT 68 IL						
	KDTNt	2	TX		WKRG 5 AL 950				(Danville WAND-17)						
1749	KRIS	6	TX	1280	1431	WTWY	4(Fl)	940	0715	WUSI	16	IL	390		
1818	KXAS	5	TX	965	1432	WUFT	5	FL		KNLC	24	MO	450		
1829	KENW	3	NM	1145	1500	WLBT	3	MS	860	KDNL	30	MO	430		
1859	KAMR	4	TX	985	(ID "40 Years WLBT-3")				WHLG 46(MO) 445						
	KLBY	4	KS	795	1505	WDSUE	6	LA		KMOV	4	MO			
1900	KSWK	3	KS	840	1517	WBRZT	2	LA	1003	WYVU	24	KY			
1903	KBSDT	6	KS		WWL t 4 LA				WDRB 41(IN) 430						
1930	KFDX	3	TX	935	1527	WCTVT	6	GA	WLKY 32(IN) 430						
2000	KXTT	5	TX		1535	Left house			Es	2054	unids	2-3 south			
2026	KACVt	2	TX		1700	WCBD	2	SC	5	Es	2154	unid channel	2+		
	KASAT	2	NM		1710	WCIVT	4	SC	6	tr	0540	KYUQ	15	IA	345
	KOB t	4	NM			WWAYt	3	NC				WICD	15	IL	305
2105	all gone				1758	WECT	6	NC	CBCE 16 ON 285						
2 Es 1125	WBCT	4	NY			WFMYt	2	NC	Es	1305	KXLF	4	MT	1210	
tr 2022	Rockford	33,45,			4	tr	0607	@WEVV 44(KY) 455	KRTV 3 MT 1155						
		62 and 68						WTWQ 36 KY 470	1313	CBP3	3	SK	995		
		WNEO 45 OH	415					WLCN 19 KY 485	1330	CFQC1	3	SK	1085		
3 tr 0445	CBLFT20	26	ON215			( See Note # 1 )				1530	KENW	3	NM	1145	
	CIC019	19	ON 340			0632	WFIE	14(KY) 455	KOTA 3 SD 780						



William Draeb (continued)	25	Es	1835	CFSS	3	SK	800	30	Es	1205	KXAS	5	TX	965	
23 tr 0727 W66BD 66 IN 260 (Fort Wayne WINM-63)			1837	CFQC1	3	SK	1085			1230	KDFW	4	TX	965	
2012 WSEE 35 PA 410			1850	CFON1t	2	SK				1251	KENST	5	TX		
WQLN 54 PA 410			1915	CKCP2t	2	SK			tr 1715	WCCO	4	MN	280 (Stronger)		
WJET 24 PA			1920	CJFBt	5	SK				KTCAT	2	MN			
WETGt 66 PA			2050	unid channel 6						WCVBT	5	MA			
WOAC 67 OH 395	26	Es	0710	WLBTz	2	ME				WABIt	5	ME			
2039 WSTR 64 OH 400				CKLT1	3	NB	975			WBZ	4	MA	830		
CBLN3t 64 ON				(“Moncton” + clk)						WGBH	2	MA	830		
WCET 48 OH 400			0805	WGBHt	2	MA				WFSBt	3	CT			
WKON 52 KY 430				unids 2-3 south						WLBTz	2	ME			
2100 WPBO 42 OH 455			tr 2134	WLKY	32	(IN)	430			CKLT1t	3	NB			
2158 WWAT 53 OH 405 (Snow free)				WDRB	41	(IN)	430		tr 2249	WCET	48	OH	400		
WCVnt 54 KY				WTVQ	36	KY	470			WSTR	64	OH	400		
2212 WKBN 27 OH 420			2143	WKPC	15	(IN)	430		31 tr 0543	WAFF	48	AL	675		
WYTV 33 OH 420				WVUT	22	IN				WDRB	41	(IN)	430		
24 tr 0359 WFMI 21 OH 420 (HSS)			2146	WUSI	16	IL	390			W40AN	40	MI	95		
Es 1110 WESHt 2 FL			27	tr 0540	WFIE	14	(KY)	455			WTTW-11				
WCBD 2 SC 900					WGRB	34	KY	515			WCKYt	27	KY	470	
WWAYt 3 NC					WDRB	41	(IN)	430			WBMT	42	AL		
WBTV 3 NC 710				0637	WHTN	39	TN	580			W30AL	30	IL	200	
25 Es 1730 WFSB 3 CT 760				2115	Lower MI LPTVs						WAAYt	31	AL		
1738 WGBH 2 MA 830				(Very strong)							WXIX	19	(OH)	400	
WLBTz 2 ME											WHNTt	19	AL		
1747 WNBC 4 NY 730			2157	(Grand Rapids LPTV)							@WEVV	44	(KY)	455	
KYW t 3 PA				( See Note # 9 )							WFIE	14	(KY)	455	
1748 WTKRt 3 VA											W628	WEUX	48	WI	190
1820 WCBST 2 NY	30	Es	1205	W40AK	40	MI	110				0614	WCET	48	OH	400
WBZ t 4 MA				(“40 News”)							0638	unid ch 14	ssw		
1832 CFSS 4 SK 1015				2210	Iron Mtn	100					0641	WDRB	41	(IN)	430
					KDTN	2	TX	965			0719	WUSI	16	IL	390
					KBTX	3	TX	1065							
					KMOL	4	TX	1200							

Note # 1 - Home Shopping Spree. Frazier Methodist Hour from 0700-0800.

Note # 2 - "NEWS WEST 9" at 1800 (KTPX).

Note # 3 - Local WFRV-5 off (a miracle??). A program promo in Spanish with the program schedule being shown. At 2100, news program with news from Oaxaca state.

Note # 4 - "TV 40 Birthday Club" promo.

Note # 5 - "KOTA Territory" in lower right corner of screen during local news show.

Note # 6 - "KRTV-3" in lower right corner of screen during local news show.

Note # 7 - (2046-2048). A grackle (bird) sat on my antenna and detuned it. I was watching E skip on channel 2 and it suddenly disappeared when the bird sat on one of the long active elements. The DX returned when the bird left. (I included this only because it is my first grackle report! fm)

Note # 8 - News from WSBT-22 at 2216.

Note # 9 - "Home Entertainment Network" carrying an episode of the "Real McCoys" (1960).

Frank Merrill, P.O. Box 669, Macomb IL 61455 (309-833-2661)

CDT

#### Equipment

ICOM R-7000 VHF-UHF receiver with video adapter and Zenith L1310C9 13 inch. VHF-UHF (Winegard 8100?) with Winegard PA-4975 preamplifier, RG-11, at 40°.

May 1993	24	Es	1240	@XEFE	2	TA	1025	24	Es	2250	XEFB	2	NL	1160
23 Es 1047-1230 unids 2-4			1330	KUTV	2	UT	1125	26	Es	1430	WGBH	2	MA	1010

1992 Summary - Number of days most common stations were seen:

Ch. 2 - WESH-FL 11/WPBT-FL 10/KNAZ-AZ and CKCK-SK 7

Ch. 3 - CFQC1-SK 8!!!/WEDU-FL 7/KIDK-ID and KTVK-AZ 4

Ch. 4 - KDBC-TX 5/KGBT-TX and CITL-AT 4

Ch. 5 - KGWL-WY 4/WCVB-MA, XEJ-CH, and KSL-UT 3

Ch. 6 - WLNE-MA and KSRE-ND 2

In compiling the number of days that the most common stations were seen, I came up with some real surprises, especially CFQC1-3.

Jeff Kadet, Box 20, Macomb IL 61455 (W3CRH) (309-833-1809)

CDT

## Equipment:

ICOM R7000 with video adapter; Zenith L1310, N1310, Y1310 13" color sets; five 9" to 12" black & white Zeniths for E skip (all sets circa 1979-1982). Screened Channel Master 7' dish with UA-900 preamplifier, .500 aluminum hardline up 85', Channel Master 1110 with PA-1975 preamplifier, .500 aluminum hardline up 80'. Winegard 5 element low-band yagi (vertically polarized) w/CP 3700 preamplifier, RG-11, up 10'. Finco 5 element 6 meter yagi (vertically polarized) with Belden 9913 up 25' (for channel 2).

May 1993	9	Es	1330	unid 6z Mexico	17	tr	0350-0515 Canada 57,
13 Es 1750	KSWK	3	KS 590	( See Note # 2 )			59,32,29
1815	CKCK	2	AB 960	unid 5+ Mexico	0455	W67AL	67 OH 505
1900	WPBT	2	FL 1165	KACB 3 TX 815	(Eastlake	WVIZ-25)	
15 tr 0830	W36AR	36	IN 200	1700 &Cuba 2	s/on	0515	WSYT 68 NY 765
(Lafayette			(TBN)	1720 Cuba 6-		18 Es 0000	unid ch 2 Mexico
21 Es 1602	CKSA	2	AB 1270	WPBT 2 FL 1165		1010	XEFB 2 NL 1160
2040	CBCP3	3	SK 1030	2015 KUAT 6 AZ 1240			KVOA 4 AZ 1240
CKKX	2 AB	1345	(CFCnt 4 AB	10 tr 0210 W47BC 47 OH 360		1037	KIII 3 TX 970
			(Springfield	(Springfield TBN)		1826	KRGV 5 TX 1070
23 Es 2210	unid ch 2	SS se	WKEF 22 OH 340				KGBT 4 TX 1070
25 Es 1100	CBFT	2	PQ 930	( See Note # 3 )			unid ch 6 XHGC
1158	CICA# 2	ON	0924 K31BW 31 KS 325	20 Es 2255			unid ch 2 Mexico
27 tr 0137	WDSI	61	TN 465	(Manhattan TBN)			( See Note # 5 )
	WFLI	53(GA)	490	(o/u WMBD)			XHPN 3 CU 985
Huntsville 31,			0928 K14HK 14 KS 455				KGBT 4 TX 1070
48 and 54			(Great Bend KSAS-24)	21 Es 1300			KACV 2 TX 700
0316 @W24BP	24	IL 175	11 Es 0630 WUND 2 NC 835				KNAZ 2 AZ 1195
(Flora		(LPTV)	12 Es 1250 WUNC 4 NC 700				KUTV 2 UT 1125
0324 &unid 49z	res ese		WUND 2 NC 835				WJXT 4 FL 870
0347	W46AJ	46	TN 415	2015 WWAY 3 NC 810	22 tr 0009		K35CY 35 MN 340
(Cookeville		(TBN)	WEDU 3 FL 995				(Minneapolis HSS)
(Over WHSL)			WCTV 6 GA 775				unid ch 53 MN
KTBO	14	OK 500	WCXP 6 FL 980				unid ch 49
28 tr ????	W41BL	41	IL 140	15 Es 1230 unid ch 4 Mexico	21	Es 1300	(K63DY CW ID)
(Effingham			1730 CKCK 2 SK 960				K20AD 20 MN 335
29 Es	in & out	all day	CFSS 3 SK 870				(Worthington KSTP- 5)
2200	WCBD	2	SC 795	16 tr 0255 K20Ct 20 AR	24	Es 0920	XEFB 2 NL 1160
	WSAV	3	GA 780	(Springdale LPTV)			XHPN 3 CU 985
30 tr 0140	CBLFT10	48	ON465	(Keystone - ssw)			KMOL 4 TX 885
Global 22, 29			Tulsa Us				unid ch 4 Mexico
Es 1912	KTVK	3	AZ 1275	Huntsville Us	25	Es 1127	unid ch 6 Mexico
2000	KGBT	4	TX 1070	St. James MN Us			WESH 2 FL 955
2017	KIII	3	TX 970	Austin MN Us			WPBT 2 FL 1165
unids 2-4	Mexico		0348 K56FD 56 MO				KIII 3 TX 970
			(Springfield LPTV)				0115 KMOL 4 TX 885
			0415 unid ch 40 HSS s				(K63DY CW ID)
			0442 K31DV 31 MO 290				KENW 3 NM 860
			(Branson LPTV)				KDBC 4 TX 1065
			( See Note # 4 )				KASA 2 NM 920
			Es 1800 WPBT 2 FL 1165				1514 KWGN 2 CO 770
			WSAV 3 GA 780				26 tr 0509 W48AV 48-MI 425
			KMID 2 TX 865				(Detroit FAM)
			WJXT 4 FL 870				W48AP 48+OH 375
			KWAB 4 TX 825				(Toledo VJN)
5 Es 1530	unid ch 2	CTV	1830 KACB 3 TX 815				0558 W69BT 69 IN 245
1600	CBFTt	2 PQ	1935 KRIS 6 TX 965				(South Bend w/WGBA-26)
6 tr 0300	Birmingham	42,68	WEDU 3 FL 995				(Normal WCIU-26)
	WXTX	54 GA 640	XET 6 NL 1160				0607 W67AL 67 OH 505
	(Rare - o/WZDX )		KRGV 5 TX 1070				Cincy to Wichita
Es 1235	unid ch 2	TA	2200 KIII 3 TX 970				in well on UHF
2127	XHIA	2 CU 1265	unid ch 4 Mexico				2040 W67CO 67 AL 460
(Rare)			2300 KMOL 4 TX 885				(Huntsville WTJP-60)
8 Es 2000	unid ch 2	Mexico	0250 @WUHF 31 NY 695				2053 GA 14,36,46,63,
	XHIT	4 CH 1195	("FOX 31")				69
lots of Es all			0350-0515 Canada 34,				AL 19,25,31,42,
evening chs 2-6			40,45,41,22,42,				48,21,54,60
9 Es 1330	unid ch 2	Mexico					27 tr 0030 WCOV 20 AL 610
	unid ch 4	Mexico					
	@XET	6+ NL 1160					

Jeff Kadet (continued)	3	Es	1515	WCBD	2	SC	795	11	Es	0930	WPBT	2	FL	1165						
				unid	chs	3,4	SS	12	Es	1648	KTVQ	2	MT	965						
27	tr	0030	WTLK	14	GA	535	( See Note # 6 )	6	tr	0309	W44BF	44	WI	235						
0105							(La Crosse				KXLF	4	MT	1155						
							TBN)				CITL	4	AB	1270						
0247				W25AI	25	OH	340			(Traverse City WGKI-33)	CKSA	2	AB	1270						
				(Cincinnati		LPTV)		0415		W55AO	55	WI	375							
							(DoorCounty w/WCFC-38)				(Toledo			(TBN)						
28	Es	1800	XEFB	2	NL	1160	(Normal WPNE-38)				0214	W48AP	48	OH	375					
29	Es	1315	MUF	above	ch	6	(Best ever)				0312	W62BE	62	OH	405					
				KMID	2	TX	865	0426	W68BS	68	WI	305								
				unid	ch	6	Mexico	(Green Bay			15	Es	2205	XEFE	2	TA	1025			
				%XET	6	NL	1160	0447	WGKU	45	MI	440								
1330				KDBC	4	TX	1065	0604	W69AV	69	MI	400								
1600				KNAZ	2	AZ	1195	(Leeland			16	Es	0926	KNAZ	2	AZ	1195			
				KTWO	2	WY	825	Es	1102	WCBD	2	SC	795							
				KTVQ	2	MT	965			WCIV	4	SC	800							
				KIDK	3	ID	1145			( See Note # 9 )	17	Es	1700	KASA	2	NM	920			
2000				CKCK	2	SK	960				18	Es	1700	WESH	2	FL	955			
				KMID	2	TX	865				19	Es	0915	XEFB	2	NL	1160			
2137				KACV	2	TX	700							1000	XHAE	5	CU	1195		
2200				KENW	3	NM	860								unid	ch	3	XEW		
				KAMR	4	TX	705	1130	KGFE	2	ND	640								
				KPRC	2	TX	800			unid	ch5	Spanish								
										WCSC	5	SC	800							
										unid	ch6	Spanish								
July 1993										unid	ch3	Spanish								
1	Es	1015	WEDU	3	FL	995				1200	KXMA	2	ND	750						
				WESH	2	FL	955			1300	WFSB	3	CT	930						
				WTVJ	4	FL	1165			1359	KENW	3	NM	860						
				WPBT	2	FL	1165				Es	1430	WESH	2	FL	955				
1530				WPTV	2	NY	830				WPBT	2	FL	1165						
1542				WCB5	2	NY	870													
1709				KIII	3	TX	970													
				KBTX	3	TX	745	7	Es	1215	KPRC	2	TX	800						
				KRGV	5	TX	1070				( See Note #10 )									
				KRIS	6	TX	965	8	Es	1800	unid	channel	4							
1821				KOCT	6	NM	915				"Kansas-10")									
				(KOAT-7 ID)				1830	KASA	2	NM	920								
				1940	KOB	4	NM	930	1841	KTVO	2	MT	965							
2000				unid	ch	3	Mexico			CKCK	2	SK	960							
				KASA	2	NM	920			KCNC	4	CO	770							
2030				KSWK	3	KS	590			KREG	3	CO	885							
				KOAA	5	CO	755	1900	KWSE	4	ND	840								
				KCNC	4	CO	770	1910	KTVM	6	MT	1155								
				KMID	2	TX	865			CFQCI	3	SK	1150							
3	Es	1115	WPBT	2	FL	1165				KCWC	4	WY	940							
				WEDU	3	FL	995	1957	KENW	3	NM	860								
				WTVJ	4	FL	1165			KACV	2	TX	700							
				WESH	2	FL	955			KRMA	4	TX	705							
1415				WJXT	4	FL	870	2017	KACB	3	TX	815								
				WCPX	6	FL	980			KDBC	4	TX	1065							
				WPVI	5	FL	1130			KMID	2	TX	865							
1515				WCIV	4	SC	800			2100	CKB13	4	SK	1025						
				WWAY	3	NC	810			2130	KNAZ	2	AZ	1195						
				WSAV	3	GA	780								0458	+WKCht	43	TN		

Note # 1 - Worst video ever seen on a TV station. The cci it puts on other channel 41s looks like something never seen before. Sort of like overload interference. Still has same signal on August 21. Local advertisers include Bunnie's Berries, a bait shop, and a hypnotherapist.

Note # 2 - University course on agriculture.

Note # 3 - Demolishing 2 mile distant same offset WMEC.

Note # 4 - Seems to broadcast only local advertising and current events.

Note # 5 - Bullfight in Spanish. "deporty" in upper left.

Note # 6 - Showing a movie with frontal nudity!

Note # 7 - Video on 61 -- to St. Louis switching between Home Shopping and WWTO-35. Cannot conceive what this could be. (For that matter, on 02/08/91 a unIDed TBN was seen on channel 68, also coming from the direction of St. Louis and it has never been IDed. Suspect it had something to do with

Jeff Kadet (continued)

the channel 18 which came on a few months later.)

Note # 8 - Lots of interesting Spanish stations in on channel 4. Frank Merrill got the Dominican Republic on double hop E skip. After playing back my tape there appears to be three or four different Spanish stations in there. Tape being sent to Caesar Obijo with fingers crossed.

Note # 9 - The conditions from 1100 to 1200 were a carbon copy of the double hop E skip conditions on July 3 from 1400-1530 with channel 4 still being the most interesting. Tapes from this session being sent to Caesar Obijo also. Tentative Puerto Rico and Dominican Republic loggings today.

Note #10 - KPRC's logo and WESH's logo are almost identical and both stations are NBC and channel 2-. So far at least, it appears that KPRC's "2" is white and WESH's "2" is black.

Note #11 - A TBN translator which actually keeps their ID on the screen all the time.

Note #12 - Selling classified advertising in your own voice @ \$20/week.

Thanks to Tom Bryant and Doug Smith for a great convention! Was another Mexican seen here by tropo on 06/17/92? Joe Graqq who does a lot of work at northern Mexican TV stations mentioned that there is a channel 23 in Nueva Rosita about 75 miles southwest of logged channel 46 in Piedras Negras. There is still an unIDed channel 23+ from that opening which carried Univision. Stay tuned.

It's been ten years since moving to Macomb in July 1983. While it's interesting to see what has been logged from here, it is equally interesting to see what has NOT been logged. (Frank Merrill concurs with all of these).

By tropo: W67CH La Crosse, Wisconsin. I know this is on the air and it was logged once while still on channel 83, but I have sat on channel 67 for hours while channel 31 up there is pinning the meter, but all I ever get is W67AC. Ditto W62BH Hopkinsville, Kentucky. Channel 43 there can be barreling in, but I've never even seen traces of cci from them. Ed Phelps complains they overload his receiver. WKYU-24 Bowling Green, Kentucky, never even a trace. WDCN-8 - Frank has this, but I've spent hours trying to get it with no luck. Lack of Winnipeg on tropo. Probably the biggest surprise. Figured that in ten years there would be at least ONE opening up to there. Also, still need tropo from New Mexico and Wyoming. Lack of deep Florida tropo - other than a few weak openings into central Florida (WTGL-52, WMOD-43, WFTS-28, WOFL-35) there has been nada. Figured Tampa/St. Petersburg would have been more common here since part of the path is over water. WHNS-21 Asheville, North Carolina - forget it!

By E skip: KTVN-2. At 1535 miles and with a totally clear channel 2 here, this station has never been seen. WSB-2 at 575 miles is another one. I have channel 5 from Atlanta by E skip, but not them. WGRZ-2 is fairly common by E skip here, but WIVB-4 has never made it in. Double-hop E skip to Central America - Frank and I figured this stuff would be common, but neither of us have anything from there. Bill Eckberg has YSR-2. In fact, double hop is down right rare from here. Only KCRA-3 and perhaps a few Mexicans / Dominicans are the only double hop E skip ever seen. KCRA is usually seen at least once every E skip season. Wonder if its circular polarization helps with that? There are tons of West Coast lo-banders which have refused to double hop into Macomb including needed Oregon! 73.

(Jeff, could your channel 27 from the southeast with Main Street TV have been W27AN at Murfreesboro, Tennessee? At one time, it reportedly carried Channel America, but maybe it has changed? fm)

Doug Allen, P.O. Box 5646, Woodland Park CO 80866 (W2CRS) (719-687-3549)

MDT

#### Equipment:

Icom R-7000, 1981 Magnavox b&w TV, Antennacraft Y10-10 and 10G205C preamplifier at 25' and Channel Master 7' dish and BT CMA-Uc preamplifier at 28'.

June 1993

2 tr 0750	KSNG 11 KS 240	22 tr 0920 K14-- 14 CO?	22 tr 1010 K67-- 67 CO?
0751	KUPK 13 KS 255	(Unknown KMGH- 7)	(Unknown KTVS- 3)
0910	KSAS 24 KS 415	0927 KCIT 14 TX 305	27 tr 0615 KRNE 12 NE 310
6 tr 0659	K14HKT 14 KS (Great Bend KSAS-24)	0936 K18AE 18 CO 140 (Akron KUSA- 9)	0630 KWCH 12 KS 400
0940	KOKI 23 OK 555	0939 K16AC 16 CO 140	July 1993
0955	KSAS 24 KS 415.	(Akron KCNC- 4)	6 tr 0625 KXNE 19 NE 465
1005	KRSCT 35 OK	0945 K14AE 14 CO 140	0630 KGWC 14 WY 270
22 tr 0915	K14-- 14 WY? (Unknown KTVS- 3)	(Akron KWGN- 2)	0640 K14-- 14 WY?
		1000 K67-- 67 KS? (Unknown KBSL-10)	(Unknown KGWC-14) ( See Note # 1 )

Doug Allen (continued)	6 tr 0721	KPQCT 15 NE	10 tr 0520	KEVNt 7 SD
	0730	K61- 61 WY?		( See Note # 4 )
6 tr 0705 KPTM 42 NE 490		( See Note # 2 )	0857	KUON 12 NE 480
0710 K61CUT 61 NE	10 tr 0510	KOLNT 10 NE		( See Note # 5 )
(Lincoln LPTV)	0515	unid channel 12	0904	KXNE 19 NE 465
(+offset - CBS?)		( See Note # 3 )	0915	KBINT 32 IA

Note # 1 - KGWC is minus offset. The translator was plus offset and peaked further east than KGWC.

Note # 2 - "You're watching TV-5, Wyoming's new leader."

Note # 3 - Zero offset - "Save the Kids" religious program which doesn't fit KRNE's PBS format. Peaked NE. (KTTM, Huron SD? fm)

Note # 4 - Home Shopping Club. Peaked north. Plus offset.

Note # 5 - "Nebraska Public Television." Peaked east, not toward Merriman. Minus offset.

Spent the last half of July in northern New York and at the great Nashville convention. Good to meet so many! With the weather patterns changing (hopefully) and the low pressure leaving the upper midwest to dry out, maybe we'll get some good late summer and autumn tropo. So far, it's been the worst tropo season in the five years I've been in Colorado. 73, Doug

(Doug, your unid translators are intriguing - baffling - particularly, all the channel 14s. The FCC database dated 05/29/93 shows only one 14 in Colorado and two 14s in Wyoming. The Colorado translator is K14AE which you have logged. The Wyoming translators are K14HH at Teton Village (430 miles from your QTH) and K14IL at Pinedale (375 miles). According to TV Factbook, both of the Wyoming translators translate KCWC (K14HH is owned by KCWC). The FCC shows no construction permits or pending applications for channel 14 in either state. Hope you can track these down! Also, the construction permit for KPQC-15 was cancelled on 06/30/92. fm)

Robert Delaney, RR#4 Box 385, Mt. Vernon IL 62864 (KA9UVY) (618-242-7256)

CDT

#### Equipment:

1990 Zenith 13" color SS 1311W, Emerson 885 VCR. UHF ant: 7' parabolic CM 4251 @ 110' agl, UA 900 preamp, RG-11 coax. VHF ant: rotatable vertical dipole @ 25' agl for E skip, CM 3608 @ 55' agl. Camera: Pentax K 1000 with Kodak Gold Plus 200.

July 1993	18 tr 0602	K49CG 49 AR 310	25 tr 0538	@KFXK 51 TX 540
3 Es 1400 WESH 2 FL 780	(Little Rock VJN)	0557	W5AAP 54 IL 230	
1452 WTVJ 4 FL 990	20 tr 0302 W48APT 48 OH	(Blue Island LPTV)		
4 tr 0410 KTXA 21 TX 600	(Toledo VJN)	0618	KXLN 45 TX 710	
0420 @KRSC 35 OK 390	0453 WEAO 49 OH 430	0631	KHTV 39 TX 710	
0500 KDAF 33 TX 600	0546 WSBN 47 VA 355	0638	KNVO 48 TX 995	
0501 KDTX 58 TX 600	0558 WKPI 22 KY 355	0654	KVDA 60 TX 820	
0732 W69BT 69 IN 270	0635 W54AFT 54 OH	0712	@KMBH 60 TX 990	
(South Bend WCIU-26)	(Bucyrus LPTV)	26 tr 0500	K65EK 65 AR 330	
0948 WTBW 69 IN 180	0728 WOAC 67 OH 435	(Pine Bluff ACT)		
5 tr 0405 &WUAB 43 OH 435	0732 W50BET 50 OH		(See Note)	
0446 WEAO 49 OH 430	(Mansfield ANC)	0501 @KLRT 16 AR 315		
6 Es 1715 KPVY 6 ID 1265	22 Es 1930 WGBH 2 MA 970	0505 @KMS 33 LA 480		
1730 KIDK 3 ID 1285	24 tr 0657 W36AM 36 TN 225	0526 @KTXH 20 TX 710		
1830 KREG 3 CO 995	(Memphis VJN)	0535 @KRIV 26 TX 710		
1853 WTVJ 4 FL 990	25 tr 0400 KLTJ 22 TX 720	0540 @KETH 14 TX 710		
1900 KENW 3 NM 885	0401 KHSF 67 TX 710	0555 @KTM 48 TX 710		
1901 WPBT 2 FL 990	0416 KWKT 44 TX 680	0630 WNTZ 48 MS 490		
8 tr 0330 WXON 20 MI 410	0417 KLAX 31 LA 510	0652 @WLLA 64 MI 345		
0342 WKBD 50 MI 410	0421 KABB 29 TX 820	0700 W69BJ 69 MI 380		
9 tr 0310 KDAF 33 TX 600	0428 KXAN 36 TX 750	(Lansing WAQP-49)		
0345 WNTZ 48 MS 490	0502 KHSX 49 TX 600	30 Es 1300 KTWO 2 WY 960		
0700 KDTX 58 TX 600	0510 KMSS 33 LA 480	1501 KIDK 3 ID 1285		
17 Es 1635 KIDK 3 ID 1285	0534 KETK 56 TX 560			

Note - "TV 65 Pine Bluff's Own." No call given.

I am very pleased with the 7' dish @ 110'. I am seeing many LPTVs that I only saw once in a great while often now. Also, the opening on the 25th netted me my furthest tropo catch ever with KNVO 48 being about 996 miles!!! 73 till next month, de Bob

Michael Parks, Route 1, Box 103, Amery WI 54001

CDT

### Equipment:

Channel Master 1110 Quantum with Winegard PA-1375 preamplifier and RG-11U at 30', Channel Master 4228A with Winegard PA-4975 preamplifier and RG-11U at 35', Alliance HD-73-1 rotor, Channel Master 7206 HI "Q" trap, and Zenith Z1920W 19" color TV.

Note # 1 - It was stated in the December 1992 TV News column that KVIO-6 had been sold. Apparently the station is now a satellite of KOAT-7, Albuquerque, as I saw them air several KOAT-TV promos. Thus KVIO-TV remains an ABC affiliate. (I changed your loggings to reflect their new call letters - KOCT. fm)

Note # 2 - ID at 1800 showed a picture of a tower and transmitter shack with the words, "Support your local translator association!"

Note # 3 - IDed with translators K76AP, Big Lake, and K12FM, Fort Stockton.

This year's E skip season seemed to peak a couple weeks late. I was almost ready to call it a bust. All in all, I would say that this summer was better than last. However, on the tropo front, this summer is worse than last year - a complete bust. I saw more tropo last winter (and it was none too plentiful then)! During July, most of the unsettled, stormy weather moved several hundred miles to the south and has, for the most part, left this area high and dry. This, along with a belated increase in the number of warm, muggy days, led me to believe that the tropo would soon be arriving, but alas, nothing much materialized.

## Michael Parks (continued)

DXers take note: WCCO-4 is now transmitting with a plus offset rather than zero. (This was necessitated by the vacant channel 42 assignment granted to Crandon, Wisconsin a few years ago.) I do not know exactly when the change took place. I had the opportunity to determine their offset with an AOR handheld scanner in early May, and they were +10 KHz at that time. Their new offset was verified on June 25 when they produced a zero beat against plus offset WWL-TV.

Further evidence that WLAX-25's satellite station, WEUX-48, is really a translator; it appears to receive its signal off air rather than via microwave relay. Any technical difficulties that WLAX transmits are perfunctorily repeated by WEUX. Weather watch symbols have been seen in the corner of the screen as well, despite the fact that the watch area affected La Crosse, but didn't come near Eau Claire. None of this occurs with WXOW-19/WQOW-18, another primary and satellite pair in the La Crosse/Eau Claire market. I find is especially annoying that WEUX seems to have no automated equipment for detecting the lack of WLAX's signal and shutting down appropriately. Even though WLAX goes silent after sign/off, WEUX stays on all night with a black screen and a tremendous hiss for audio. Additionally, there are absolutely no commercials for the Eau Claire area - just La Crosse. Since they apparently have no sales office in (or near) Eau Claire, I wonder if they even have a studio of any kind; the only mailing address given on air is that of WLAX's La Crosse studio.

Wireless cable is now available in this area. I have been receiving fliers in the mail trying to induce me to subscribe. But at \$39.99 a month for only 12 channels, I'll pass. I've noticed ads in electronics magazines for wireless cable receiving equipment. Has anyone tried DXing wireless cable stations yet? I wonder where a person could even get basic information on these stations, such as call letters, tpo or erp, transmitter location, etc. I have no idea where the system in this area is transmitting from. The flier gives only a phone number for a sales office to arrange an in-home demonstration. (Wireless cable is included in the Services volume of Television and Cable Factbook. I don't have the 1993 edition, so am unsure what serves your area. fm)

DXers fed up with today's generation of TVs and VCRs and their muting facilities might want to investigate the Sharp brand name. I don't know about their entire line, but the models I had the opportunity to try awhile back (one of each) were not too bad in the tuner department. Although the VCR's tuner could take up to two seconds to lock onto a weak signal, it easily rivaled my Zenith TV's tuner - especially on UHF, a common weak spot in VCR tuners. E skip can cause many VCRs to lose sync, but other than losing the color, this VCR had no problem taping interference plagued signals. Perhaps most importantly of all, both the TV and VCR had a switch to kill the dreaded blue screen. Sorry, but I don't know what the model numbers were. Until next time... 73, Mike

William Eckberg, 1032 Sterling Road, Dixon IL 61021

CDT

**Equipment:**

1966 Zenith b&w receiver ch 14N22, modified UHF tuner. Rohn tower - Channel Master 1110 at 41'. Rohn crankup tower - Channel Master 7 foot dish at 52'. RDX Labs UA700 and UA900 preamplifier respectively. Jerrold CAC11 cable.

July 1993			2 Es	1415	XHRIIO	2 TA	1201	8 Es	1900	KYUS	3 MT	853
1 Es	1805	KXAS	5 TX	757	3 Es	1605	WESH	2 FL	983	1910	KIDK	3 ID 1123
1810	KEENS	5 TX	992		1815	KIII	3 TX	1072		1930	KOAA	5 CO 828
1820	KDFW	4 TX	738	5 Es	1655	ICRT	2 Cuba		1945	KSL	5 UT 1139	
1825	KOCO	5 OK	578			ICRT	5 Cuba		2000	KTXT	5 TX 875	
1905	KGWN	5 WY	785	1700	WPBT	2 FL	1229		2100	KWGN	2 CO 811	
1930	KTWO	2 WY	849		WEDU	3 FL	1031	12 Es	1700	KIDK	3 ID 1123	
	KOAA	5 CO	828	6 Es	1235	KFBB	5 MT	1112	1710	KTVQ	2 MT 968	
2000	KENW	3 NM	912	1250	CKCK	2 SK	918	15 Es	1200	WUND	2 NC 797	
	KACB	3 TX	803	1300	CFQC1	3 SK	1120		2100	KTWO	2 WY 849	
2030	KASA	2 NM	972	1825	KIDK	3 ID	1123	17 Es	1530	KIDK	3 ID 1123	
2200	KWGN	2 CO	811	1830	KUTV	2 UT	1139			KBCI	2 ID 1328	
2 Es	1200	WPBT	2 FL	1229	1900	KACB	3 TX	933	30 Es	1430	KUTV	2 UT 1139
1303	ICRT	2 Cuba		8 Es	1900	KNME	5 NM	1026	1500	KIDK	3 ID 1123	
1325	ICRT	5 Cuba				KTVQ	2 MT	968	31 tr	0435	WLDS	13 NC 558

Cuba is running patterns for hours in the afternoon on channels 2 and 5. I've logged their pattern ranging from 1303 to 1655 on July 2, 5, and August 5 with color bars in July and back to the Phillips in August.

I saw WLDS-13 the first time this year in July. My favorite test pattern is gone forever, replaced with color bars, ID, and QTH!

No UHF in operation yet after a lightning hit. I purchased a new rotor which has most of the features I've been looking for. It is the Yaesu G-400RC. It has compass dial,

William Eckberg (continued) north stop, adjustments for each end of rotation, and a very sturdy antenna motor with a 11 square foot wind load rating. It is reasonable at \$219 on sale. I haven't installed it yet, but it looks like a winner. I was going to purchase the Alliance HD73, but it was discontinued.

Frank Aden Jr., 4096 Marcia Place, Boise ID 83704 N7SOK

MDT

**Equipment:**

TVs: 27" Magnavox Color Monitor, 19" RCA color, 13" BMG color monitor. VCRs: Radio Shack MTS stereo, RCA mono. Antenna: Radio Shack ch 2-13 14 element on rotor at 22°.

This season has definitely been better than last year. I have spent more time with TV-DX than last year as I was not having to worry about working short skip on 10m for WAS. Two things to note: MUFs rarely went above channel 4 and many openings started after 2100 going past 0200, making it possible to ID a few stations on channels 2 and 4. KBCI-2 has been signing off between 0030 and 0130 and KAID-4 signs off around 0030.

I was on vacation during the last part of May and early June for ARRL in Seaside and also last week of June for IRCA in Billings, so no report for those periods.

Have been getting ready for ATV, will be soon buying a transmitter for 439.25. I have already obtained a downconverter for the 440 MHz band and my new TV covers the ATV portion of the band. I have built a skeleton slot beam for ATV and will be putting it on my new 32" tilt over tower which presently has my 2 element 10m beam and 2 element 2m quad.

For those hams in the club, I would be interested in starting a 10m net on Saturdays. I suggest around 28.440 at 20:00 UTC. I will give a few CQs on the frequency the next few Saturdays after this appears.

I will be running both VCRs again like last year for Perseids so wait for my next report!

May 1993	..	30	Es 0000	KENW	3 NM	970	13	Es 2100	KACB	3 TX	1190		
22	tr 1440	KMVT	11 ID 110	0005	KDBC	4 TX	970	15	Es 2000	KLNE	3 NE	885	
( See Note # 1 )				0115	KASA	2 NM	745			KCTVt	5 MO		
23	Es 1200	KSWK	3 KS 885	0130	KMID	2 TX	1095		2120	KYTV	3 MO	1295	
26	Es 2000	KTVK	3 AZ 745						21	Es 0100	KUSD	2 SD	975

July 1993

June 1993	1	Es 2200	KENW	3 NM	970	23	Es 2100	KMVT	3 NE	1040	
9	Es 2100	KTVK	3 AZ 745	6	Es 2300	KSNW	3 KS 1055	24	Es 1825	KSNW	3 KS 1055
16	Es 2200	XHBC	3 BN 760	7	Es 2030	KFDX	3 TX 1160	27	Es 2100	KENW/KFDX/KSWK	
18	Es 2200	KSNW	3 KS 1055			KXAS	5 TX 1290	29	Es 2330	KSNW/KFDX	
21	Es 0000	KYTV	3 MO 1295	2100	KSWK	3 KS 885	30	?? 0200	OKJRH	2 OK	1205
0100	XEPMT	2 CH		2200	KENW	3 NM 970					
29	Es 2030	KFDX	3 TX 1160	8	Es 2100	KTVK	3 AZ 745				
2130	KLNE	3 NE 885	13	Es 2000	KOCOT	5 OK					

Note # 1 - tr/gw - Finally seen here after four years, weak but readable. Using new TV receiver.

Note # 2 - Es/ms? - A couple of minutes of nice IDed color bars.

Fred McCormack, 2384 Teakwood Dr, Maplewood MN 55119-5520

CDT

**Equipment:**

General Electric 9" color (Model 09GP103). VHF: Rabbit ears. UHF: Archer Golden-U UHF Indoor Antenna (2 bow-ties).

**May 1993**

13	Es 2014	KLEW	3(WA)1160	21	tr 0759	WKOW	27 WI 215	1	tr 0748	K26CL	26 MN 135
					0830	WMSN	47 WI 215			(Alexandria	

**June 1993**

8	tr 0245	KYOU	15 IA 275	August 1993	1	tr 0737	KVRR	15(MN) 195	0801	K48AH	48 MN 100
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0625 K26AC 26 MN 200 (Willmar KMSP- 9)

(Bemidji KVRR-15) 0804 K46AC 46 MN 100

0759 K18AI 18 MN 165 (Willmar WCCO- 4)

(Grand Rapids KVRR-15) 0738 K36AA 36 MN 135 11 tr 0945 K26AC 26 MN 200

11	tr 0857	KLJB	18(IL) 280	(Alexandria	KVRR-15)	0952 K18AI 18 MN 165
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0928 KJMH 26 IA 300 (KARE-11) 0953 K49CU 49 MN 155

21	tr 0750	WHA	21 WI 215	(Walker	KMSP- 9)	0955 CIC091 44 ON 340
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This is all I have, despite John Ebeling's much appreciated effort to keep me aware of E skip openings. I just couldn't ID the stuff! Still hoping for some 500 mile tropo.

# SOUTHERN FM DX

SEPTEMBER 1993

Danny Buntin  
1312 N. Skyline  
Stillwater, OK 74075

DEADLINE: 14th

SOUTHERN FM DX is for reporters from: AL, AR, AZ, CA, CO, DC, DE, FL, GA, HI, KS, KY, LA, MD, MO, MS, NC, NV, OK, SC, TN, TX, UT & WV.

## LOW PRESSURE BLAMED ON LACK OF TROP ON FRONT RANGE

Jeff Wolf, 1131 University Blvd. W., apt. 701, Silver Spring, MD 20902

Equip.: Sears AM-FM-TV bank radio

7/3 Es

1552 KNUU 88.1 TX Denton

1621 KJEF 92.9 LA Jennings

Correction to my Aug. '93 VUD report: 6/13, WKID should read WKIK.

Doug Smith(W9WI), 14 Brookside Court, Nashville, TN 37209-4503

7/1 Es, tr

1800 94.5 KSKL KS Scott City, local ad 763  
96.1 KGLL CO Greeley, "Front Range" 986  
99.1 KUAD CO Windsor, remote in  
Loveland 986  
100.7 KGMW WY Gillette, "NE WY's Y-100"  
91.5 KRNE NE Merriman, "...for NE  
Public R." 880  
93.3 KTCL CO Ft. Collins, legal ID  
W/K276BJ 1003  
97.5 unID "Q Country", prob. KQSK  
1900 95.1 KSQY SD Deadwood, legal ID 1021  
96.9 KAML WY Gillette, legal ID 1090  
97.5 WNEZ IN Trenton, ads 111  
1908 104.9 WFVO MS Iuka, ad 123  
1910 106.7 WZWD MS New Albany, ad 156  
1918 94.5 WAPI AL Birmingham, "I-95" 176  
1926 93.9 unID "Renegade R. Q94", rp  
1929 88.9 WKNA MS Senatobia, "WKNO Sts.", ID  
7/3 tr k 82  
1639 95.9 WCSS TN Livingston, "Sunny 95.9"  
1654 94.9 WPCH GA Atlanta "Peach 94-9", k  
94.9 WKOR MS Columbus, ID 193  
1706 98.3 WINI TN Pulaski, calls 67

More Es, more tr and a great opening during the convention! July was probably my best FM DX month in the 2½ years I've been in TN.

7/5 tr

1050 97.1 WFOX GA Gainesville, "Fox 97 FM" 210  
1116 88.5 WJIE KY Okolona, cals 139  
7/18 gw  
1651 102.9 KEZS MO Cape Girardeau, "K-103",  
local ads, local WYCO off. 167  
7/25 Convention tropo(most between midnight  
and 10 am. All newly logged.

89.9 WEVL TN Memphis	171
91.5 WUEV IN Evansville, cals	127
91.7 WEGL IL Champaign	127
92.5 KWYN AR Wynne	219
93.9 KOYN TX Paris	495
94.9 KOLL AR Maumelle	313
100.5 WYMG IL Jacksonville, calls	285
100.5 WIFX KY Louisville, "100.5 The Fox"	
102.7 KCWS TX Merkel	772
103.1 WGBY KY Henderson, (100kw WKDF 103.3 7 mi. away!)	117
105.3 KYNG TX Dallas, "Young Country"	605
105.5 KTEI AR Piggott	176
105.7 KYKX TX Longview, "Kicks 105" KSTV TX Stephenville, cals	500
106.1 KHKS TX Denton	684
106.5 KOOI TX Jacksonville, ad	605
106.5 KBVA AR Bella Vista, ad, calls	541
106.7 KCYT TX Granbury	410
	670

Doug Allen, w2crs, PO Box 5646, Woodland Park, CO 80866

Equip.: Onkyo T-4087 (IF modified)

6/17 Es

1949 WMEZ 94.1 FL Pensacola, ID  
1953 WGCK 104.1 AL Atmore, ads & wx  
1956 WKSJ 94.9 AL Mobile, k, "95-KSJ"  
2002 WRUE 88.9 ?? Elizabethtown,  
not in 13th ed. of FM Atlas.  
2020 KRJY 96.3 MO St. Louis, wx  
2025 WRBT 94.9 IL Mount Carmel, ID  
2030 WFCJ 93.7 OH Miamisburg, ID  
2031 WBGL 91.7 IL Champaign, "new light", ID  
2035 WFOX 97.1 GA Gainesville, ads  
2040 WRDN 95.9 WI Durand, ID  
2042 WCNL 95.9 ?? not in Atlas, ID  
2050 WTYL 97.7 MS Taylertown, ID  
6/18 Es  
0845 WMEZ 94.1 FL Pensacola, ID  
0848 WEGS 91.7 FL Milton, "Swap Shop",  
local towns  
0852 WZEW 92.1 FL Fairhope, local ads  
0855 WJDX 96.3 MS Jackson, "Jackson's  
Mix-96"  
0857 WBBN 95.9 MS Taylerville, B96 & ads  
0859 WSOR 90.9 FL Naples, ID, double hop  
0900 WHIL 91.3 AL Mobile, ID

6/18 Es

0906 WLUN 95.3 MS Lumberton, "all American country WLUN"	
0908 WOTC 97.9 MS Wiggins, "New country US 98", ads, new CL?	
0913 WBKN 92.1 MS Brookhaven, B-92, k	
0953 KWRW 97.7 TX Rusk, ads	
0959 KVLU 91.3 TX Beaumont, ID	
1000 KLDN 88.9 TX Lufkin, ID	
1940 WGCK 104.1 TX Beaumont	
1950 WQJH 103.1 FL DeFuniak, ads, "LITE 103", new CL?	
1952 WQWW 107.3 FL Pensacola, "WOW 107"	
2000 KXRX 96.5 WA Seattle, ID	
2000 KWCL 96.7 LA Oak Grove, ID	

6/22 Es

0900 "KWBI" 88.1 CO?

7/1 Es

2111 WXIZ 100.9 OH Waverly, ads	
2120 WNWV 107.3 OH Cleveland, ID	
2121 WHME 103.1 IN South Bend, ads, "the Harvest" station #1100	
2130 WFCJ 93.7 OH Miamisburg, wx	
2147 WAZU 102.9 OH Springfield, ID, r	

cont...

7/1 Es

2149 WKDD 96.5 OH Akron

7/6 Es

1812 WRBA 95.9 FL Springfield, ID  
 1843 WCHY 94.1 GA Savannah, ID, "Y-94FM:  
 1925 WBRH 90.3 LA Baton Rouge, ID  
 1935 WWKA 92.3 FL Orlando, talk show  
 2003 KULF 94.1 TX Benham, ID  
 2005 KACC 91.3 TX Alvin, ID  
 2015 KULM 98.3 TX Columbus, Astros BB

7/8 Es

1030 WLAB 88.3 IN Fort Wayne, ID

7/9 tr

0703 KEZG 107.3 NE Lincoln, wx  
 0752 KBBN 98.3 NE Broken Bow, ads  
 0753 KNLV 103.9 NE Ord, ID  
 0800 KKOT 93.5 NE Columbus, ID, NE #38

Enjoyed visiting with every one in Nashville. It was a great conference, well organized and great tropo! Was out of state for two weeks in July, in northern New York and ten Nashville. From what I hear, I didn't miss Es or tropo while I was gone. With that damn low pressure east of here causing all the drain and flooding, tropo has been almost non-existent this summer, so far. The 500+ mile trips to eastern NE have been the best, so far. Es has been about average overall with fewer high MUF openings than normal, but this is a very local phenomenon as areas only a few hundred miles away have had a half dozen or more 144 mHz openings through July. Hope everyone had a great summer.

Gus Mancuso, 5615 Inwood St, Cheverly, MD 20785 301 773-3072

6/18 Es

2034 WWOZ 90.7 LA New Orleans

2036 KJEF 92.9 LA Jennings

(Didn't check between 1900 when there was no skip, & 2030, so I probably missed something.)

7/1 tr

1830 W??? 89.1 MD Hagerstown, from car in Forestville(other side of DC) simul w//WETA 90.9. Morning tropo wead this summer despite searing heat & humidity. Must need evaporation of rain to help out.

Recent article in Washington Post says you live a couple years longer if your mother born at sunspot low point, and vice versa.(5/24/93)

STATION NEWS: WKHI 99.9 MD now k. WLW 105.5 now o (early 60s & prior oldies.) Note: WWDH 104.7 occasionally simus w/k format am, IDs as "the Bear". Oldies war, previously fought in Phil & Balt now squares off in DC WXTA 104.1 going head to head w/newcomer WBIG 100.3. Must also compete w/rimshooters WMJS 92.7, WNAV 1430 and WINX 1600.

Steven C. Wiseblood, 6393 N. Dakota, Apt. #2, Brownsville, TX 78521

Equipt.: Denon TU-800, Radio Shack stacked 6-el yagi's at 22 feet.

7/14 tr

0356 KDMX 102.9 TX Dallas, Mix 102.9, ads 473  
 0358 KZEP 104.5 TX San Antonio, The Zep, cl r  
 0359 KJNE 102.5 TX Hillsboro, ID, k 423  
 0402 KMJQ 102.1 TX Houston, 102 JAMS, s 297  
 0403 KONO 101.1 TX Fredericksburg, o 314  
 0406 WRR 101.1 TX Dallas, c 473  
 0408 KLUV 98.7 TX Dallas, o, K-love  
 0416 KSCS 96.3 TX Fort Worth, k  
 0417 KFGI 94.7 TX Luling, Froggie 94, o 262  
 0419 KSRR 92.9 TX San Antonio, 92-FM, SS, pop  
 0420 KCBI 90.9 TX Dallas, contemp g 473  
 0428 KNNC 107.7 TX Austin, K-NAC, prog. r 302  
 2102 KELI 98.7 TX San Angelo, K-LITE, a/c  
 7/15 tr lite SS mx  
 0206 XHNOE 91.3 TA Nuevo Laredo, "Stereo 91"  
 0216 KZTQ 106.1 TX Laredo, TQ-106, o 166  
 0216 KJBJZ 92.7 TX Laredo, Tejano Z-93, SS mx  
 0220 XHNL 97.1 TA Nuevo Laredo, "Estereo Reuerdo", SS mx

7/9 tr

0804 KUCV 90.9 NE Lincoln, promo  
 0805 KAWL 104.9 NE York, "KAWL & KTMX"  
 0807 KKNB 104.1 NE Crete, ads, in KNAB null  
 NE #39, Mike Hawk called saying he was receiving Co Springs! Over the telephone we confirmed for each other several Omaha stations and KDRD 95.1  
 0900 KEZO 92.3 NE Omaha, ID  
 1200 "KILF" 89.9 CO Canon City, xlator, CO #121  
 7/11 tr

0915 KKOT 93.5 NE Columbus, k, ID  
 0917 WOT 94.1 NE Omaha, ID

7/12 tr

0530 K214AU 90.7 KS Sharon Springs, "High Plains Public Radio"

7/30 tr

2215 KRTZ 98.7 CO Cortez, fading up occas.

8/3 tr

0006 WXPN 88.5 PA PHILA, several locals off, so as not to interfere w/army elec. equip. looking for long lost WWI weapons that have been turning up during const. in west DC.

0916 WMGS 92.9 PA Wilkes-Barre, o/fog!

0930 WVKL 94.9 PA Harrisburg, no sign of WQI or WPVR

0935 WRFY 102.5 PA Reading

0938 WQXA 105.7 PA York, tough null on WQSR

0950 WAFY 103.1 MD Middleton, w/WHVY &amp; WCOL

1000 WIFC 91.1 MD Bel Air, all Phila &amp; NJ strong.

7/15 tr ads 438

0644 KSTV 105.7 TX Stephenville, Country 105

0647 KELI 98.7 TX San Angelo, K-LITE, a/c mx

7/17 tr 1730 KKMY 104.5 TX Beaumont, "The Classics you love" 356

1735 KTFA 92.5 TX Groves, contemp g 355

1737 KVLU 91.3 TX Beaumont, lite g mx 356

7/22 tr 0734 KLUV 98.7 TX Dallas, K-LOVE, o, wx 473

0745 KDMX 102.9 TX Dallas, Mix 102.9 a/c

0752 KYSX 106.1 TX Denton, "KISS Copter Rush hour traffic" 473

1840 KIQC 106.1 TX Orange, Power Hits K-106, r

1859 KMKS 102.5 TX Bay City, "Bridging the gap between Houston and Corpus, a/c mx 233

1901 KILT 100.3 TX Houston, d, ID 297

1905 KHYS 98.5 TX Port Arthur, lite soul 353

1910 KLDI 94.5 TX Houston, o, ID 297

1916 KVLU 91.3 TX Beaumont, c, NPR promo 356

cont....

7/22 tr

1917 KPVV 91.3 TX Prairie View, lt. s 302  
 1919 K216BX-91.1 TX Lake Jackson, //89.3  
 KSBJ Houston, contemp. g 250  
 1925 KXXX 97.9 TX Houston, soul-rap 297  
 1928 KRITX 104.9 TX Halveston, r-a/c mx 287  
 1944 KXTJ 107.9 TX Beaumont, "Houston's Favorite Tejano" 356  
 1954 KLUV 106.9 TX Bloomington, "CLUB 106.9", tejano mx 194  
 2002 KRBE 104.1 TX Houston, alt. r, o/KBFM  
 2322 KYRK 95.1 TX Port Arthur, K-95, k 353  
 2324 KCSC 96.3 TX Fort Worth, k 473

2329 KLUV 98.7 TX Dallas, "All oldies K-LOVE" 473  
 2330 KLTD 98.9 TX Austin, "Z-ROCK, // 106.9 Houston 473  
 2331 KUEZ 99.1 TX Lufkin, o 411  
 2346 KJZS 106.9 TX Conroe-Houston, Z-Rock, //106.9

7/23 tr

0605 KDMX 102.9 TX Dallas, Mix 102.9, a/c  
 0606 KWHI 106.1 TX Brenham, K-TEX 106, k, ads  
 0737 KBUS 101.9 TX Paris, K-BUS, ads 549  
 0748 KOOI 106.5 TX Jacksonville, ads, EZ mx  
 0751 KYKS 105.7 TX Dallas, KISS Traffic, wx  
 0753 KYKK 105.7 TX Longview, k, ads, wx 486  
 0755 KJCS 103.3 TX Nacogdoches, k  
 1858 KIOTX Orange, Power Hits K-106, r 366  
 1930 KYKS 104.7 TX Bryan, Mix 104.7, a/c 336  
 1940 KEYI 103.5 TX San Marcos, KEY 103, a/c  
 "The Hits of the 80s and the Best of the 99s"

7/24 tr

0455 KLSA 90.7 LA Alexandria, s mx oldies //88.9 483  
 0457 KLDN 88.9 TX Lufkin, Red River Radio, //90.7 411  
 0505 KCBI 90.9 TX Dallas, g a/c mx 473  
 0506 KNCT 91.3 TX Killeen, c 362  
 0510 KKBQ 92.9 TX Pasadena, 93-Q Country 297  
 0512 KSCS 96.3 TX Fort Worth, k 473  
 0513 KLLI 95.9 TX Hooks, Thunder 95.9 558  
 0521 KOOL 106.5 TX Jacksonville, EZ mx 440  
 0527 KWRW 97.7 TX Rusk, The New CD 97.7 432  
 0530 KUEZ 99.3 TX Lufkin, o, ads 411  
 0531 WJMI 99.7 MS Jackson, s, ads 624  
 0540 KTOY 104.7 TX Texarkana, "104.7 FM playing the hits", IDs 561  
 0544 KYKS 105.1 TX Lufkin, ads, k 411  
 0545 KYKK 105.7 TX Longview, k 486  
 0550 KJCS 103.3 TX Nacogdoches, k 430  
 0552 KTBQ 107.7 TX Nacogdoches, a/c 430  
 0635 KZPS 92.5 TX Dallas 473  
 0729 KYKS 106.1 TX Denton-Dallas, KISS-FM, r

7/24 tr cont. from a condo overlooking the gulf at South Padre Island beach.

2007 KAJN 102.9 LA Crowley, "Louisiana's Gospel Station" 473  
 2014 KMJQ 102.1 TX Houston, "102 JAMS", s  
 2019 KMMY 104.5 TX Orange, o, 366  
 2020 KIOC 106.1 TX Beaumont, Power Hits 106

7/25 tr

0700 KITT 93.7 LA Shreveport, Sunday morning gospel mx 509  
 0712 WYCT 94.1 LA Kentwood, "Young Country", ads, wx 549  
 0718 KOLL 94.9 AR Maumelle, Goodtime Oldies  
 0719 KQID 93.1 LA Alexander, 93-QID, r-a/c  
 1026 KTTS 94.7 MO Springfield, ID, "McDonalds Country Countdown", ads 821

7/25 tr  
 4032 KKHT 98.7 MO Springfield, The Heart, a/c  
 1041 KKUS 97.3 MO Springfield, "US-97, The Home of Ozarks rock & roll"  
 1046 KYR 92.5 TX Texarkana, Kicker 102.5, k  
 1048 KIES 99.7 TX unID, "FM-100", promo for "Wheel of Hope"  
 1050 KOLL 94.9 AR Maumelle, "Cool-95", o 684  
 1100 KKBI 106.1 OK Broken Bow, "Best Country 106", ID 586  
 1101 KBSY 107.3 OK Poteau, ads, "Sunny 107.3"  
 1423 KAJN 102.9 LA Crowley, 432  
 1444 KROF 105.1 LA Abbeville 432  
 1456 WJMI 99.7 MS Jackson, s 624  
 1457 WJDX 96.3 MS Jackson, MIX 96.3  
 1523 KTDY 99.9 LA Lafayette, ID, a/c 624  
 1532 KBEL 107.7 LA Lafayette  
 1602 WCKW 92.3 LA New Orleans, class r 531  
 1606 KAYD 97.5 TX Beaumont, k 356  
 1918 KHLA 99.5 LA Lake Charles, LA-99, o 397  
 1923 WIGE 100.7 LA Baton Rouge, r, The Tiger  
 1925 KTOQ 100.9 LA Sulphur, wx, ads 391  
 2242 KAPB 98.7 LA Alexandria 783  
 2258 KLLI 95.9 TX Hooks, Thunder 95.9 558  
 2311 K259-99.7 TX Sugarland, rep.of KSBJ  
 2320 KYKS 105.1 TX Lufkin, KICKS 105, k 411  
 2328 KLSX 107.3 TX Tyler, "W. TX New Mix 107.3" 465  
 7/26 tr 411  
 0258 KLDN 88.9 TX Lufkin, Red River Radio  
 0300 KBCI 90.9 TX Dallas, Sunshine Radio  
 0313 KWRW 97.7 TX Rusk, "CD 97.7", o 432  
 0321 KMKL 97.3 LA Kaplan, k, ID 426  
 0326 KOOV 103.1 TX Coperas Cove, k, ID 362  
 2212 XHTP 90.9 TA Tampico, "R. Tamualipas, 255, //9.2.3" 255  
 2221 XHPP 93.5 TA Tampico, "La Aguasteca" ranchera-cumbia mx, ment of 30 kw/24 hrs  
 2249 XH- 103.1 TA Tampico, "Estereo Recuerdo", TC musica romantica, musica pop 7/27 tr  
 0535 XHNK 99.3 TA Nuivo Laredo, cumbia ranchera mx 166  
 0542 KZTQ 106.1 TX Laredo, o 166  
 0552 KEAN 105.1 TX Abilene, wx, k 472  
 7/28 tr  
 2017 KWCB 89.7 TX Floresvilole, tefano-cumbia mx, ID, wx  
 8/1 Es  
 2120-2140 unIDs 907 Jap. mx, 91.1 prmom for bible school in Tampa, 90.9 EZ, 90.5 g  
 2129 unID 89.9 Spanish Caribbean style mx  
 2139 WQZY 95.9 GA Dublin, "The CD Hour", k 8/3 tr  
 0453 KPEZ 102.3 TX Austin, Z102 302  
 0453 KJDM 102.5 TX Hillsboro, ads, wx, k, ID  
 0459 KIMX 102.9 TX Dallas, MIX 102.9, a/c  
 0500 KPLE 104.3 TX Temple, k 359  
 0502 KYSX 106.1 TX Denton, r 506  
 0508 KNNC 107.7 TX Austin, The Knack, r 302  
 0513 KHTH 93.3 TX Killeen, "Texas Hot Country", k 362  
 0517 KNLE 88.1 TX Round Rock, promo 362  
 0711 KELI 98.7 TX San Angelo, "98.7 K-LITE" 302  
 08/4 tr  
 0608 KNNC 107.7 TX Austin, K-NACK, alt. r  
 0609 KOOL 106.5 TX Jacksonville, EZ Mor 440  
 0619 KIDS 105.7 TX Longview, k 486  
 0621 KISX 107.3 TX Whitehouse-Tyler, r-a/c  
 0622 KYOT 106.7 TX Granbury, j  
 0623 KTTX 106.1 TX Brenham, K-TEX 106, k, wx  
 Steve's massive report to be cont. next month.

# NORTHERN FM-DX

GREG CONIGLIO  
5100 GLENWOOD DRIVE  
WILLIAMSVILLE, NEW YORK 14221  
e-mail: coniglio@acsu.buffalo.edu

For DXers in: MA, NH, VT, CT, MA, RI, NY, PA, NJ, OH, MI, IN, IL, WI, MN, IA, NE, SD, ND, MT, WY, ID, WA, OR, AK, Canada  
**SEPTEMBER 1993 ■ DEADLINE: The 5th ■ LOG CUTOFF: 3 months from postmark**

There were quite a few days with FM skip in July. However, no real "monster" openings occurred; many openings, although strong, were spotty and short lived. Most of the activity was the first week of July, especially the 3rd and 6th. Near the end of July and the start of August there has been some sign of skip picking up again, though it may be too little too late. Not much tropo to report at all, although there was a major tropo opening during the Nashville convention. Perhaps there will be reports in Southern FM of this opening. Let's hear from you this month!

SAUL CHERNOS - 57 BERKELEY STREET - TORONTO, ONTARIO M5A 2W5 (416) 364-0725

## JULY 1993 DX

### 1 Es (Toronto-Mississauga suburb)

1249 WKPX 88.5 FL Sunrise  
1250 WMMZ 93.7 FL Ocala  
1257 WJYQ 91.5 FL Ft. Myers, Joy FM 91.5  
1300 WMFE 90.7 FL Orlando, c  
1304 WKRY 93.5 FL Key West, Key 93  
1347 WQIK 99.1 FL Jacksonville, your hot country hit-kicker FM 99 WQIK  
1350 WXKB 103.7 FL Cape Coral  
1400 WAPE 95.1 FL Jacksonville, calls  
1402 WLPT 88.3 GA Jesup  
1402 WTLG 88.3 FL Starke  
1412 WMNF 88.5 FL Tampa, latin and jazz  
1419 WNFB 94.3 FL Lake City, B-94

### 3 Es (Burnt River)

1603 WMPN 91.3 MS Jackson  
1615 WRKF 89.3 LA Baton Rouge  
1619 KXKC 99.1 LA New Iberia, Hot Country 99.1  
1640 WTYX 94.7 MS Jackson, Oldies 94.7  
1647 KSMB 94.5 LA Lafayette  
1724 WYMX 99.1 MS Greenwood  
1727 KDEA 93.7 LA New Iberia, ex 99.1  
1835 KJW 94.5 AR Helena, k  
1837 KIPR 92.3 AR Pine Bluff, Power  
1843 KAMS 95.1 AR Mammoth Springs K-Country-95

1850 KKLR 94.5 MO Poplar Bluff  
1851 KTCS 99.9 AR Fort Smith  
1851 WHKX 99.9 FL Lafayette, Kix 99.9, k  
1853 KQUS 97.5 AR Hot Springs  
1855 WBGM 98.9 FL Tallahassee, calls  
1859 WKNB 94.5 FL Port St.Joe, B-94.5  
1904 KBBQ 100.7 AR Fort Smith, ex 100.9  
1906 KTTS 94.7 MO Springfield, Ozark's Country Weekend  
1922 WMPR 90.1 MS Jackson

### 3 Tr (BR)

1814 WQLN 91.3 PA Erie, see comments

### 6 Es (Toronto-east side of city)

1220 KUAD 99.1 CO Winsdor, Colorado's country favourites K-99

### 6 Tr (Toronto-east city limits)

1253 WFRA 99.3 PA Franklin, Mix 99.3 FM  
1259 WAXF 95.9 PA Sharpsville

### 10 Tr (Toronto-Scarborough bluffs)

2318 WDNY 93.9 NY Dansville, Yankees BB

11 Tr (Scarborough Bluffs)

0839 WZXV 99.7 NY Palmyra, g

0908 WBEE 92.5 NY Rochester, with CISS on the air! See comments

12 Es (Toronto-Markham, Richmond Hill)

2030 to 2050 spotty Es: 90.7 j, 90.7, 88.7 c, 99.1 k, 99.3 k, 93.3 k, spotty weak, maybe on 100.3

17 Tr (Toronto-downtown)

1050 CIEX 106.3 ON Toronto, Molson Indy

22 Tr (Toronto-3 Buffalo's off)

0212 WBZZ 93.7 PA Pittsburgh, B94, dance

0235 WFRG 96.1 NY Rome, 96 Frog, k

0252 CIXK 106.5 ON Owen Sound, rm

23 Tr (Same circumstances as the 22nd)

0103 WWKS 106.7 PA Beaver Falls

0109 WLIF 106.5 OH Cleveland

0110 WBZZ 93.7 PA Pittsburgh, B94, dance

23 Tr (BR)

2030 CBCO 91.5 ON Orillia, back on,

2030 CB\*\* 94.3 ON Huntsville, new to air see comments on these

24 Es (BR)

1221 KJZY 99.1 TX Denton

1223 KCTT 97.7 AR Yellville

1225 KPLX 99.5 TX Fort Worth, K-Plex

1230 KDHX 88.1 MO St.Louis

1237 KMAG 99.1 AR Fort Smith, k

1240 KCKI 99.5 OK Henryetta, Kick 99

24 Tr (BR)

2331 WFMK 99.1 MI E.Lansing, Lite Rock 99

2347 WMXD 92.3 MI Detroit, Mix 92.3

2353 WCEN 94.5 MI Mt.Pleasant, k

2357 WNWV 107.3 OH Elyria

25 Tr (BR)

0011 WBCT 93.7 MI Grand Rapids, B93

0032 WVKS 92.5 OH Toledo, r and dance music, see notes

0253 WBZZ 93.7 PA Pittsburgh, r, B94

0316 WUGN 99.7 MI Midland, g

0327 WHBC 94.1 OH Canton, HBC-FM

0405 WGRY 101.1 MI Roscomming, k

SAUL'S COMMENTS ARE ON  
THE NEXT PAGE..

SAUL CHERNOS' comments (DX on previous page)

I had Spanish program // 91.3 on 91.5 and 91.7. Greg says it was WQLN splashing over or something (yep, they have been putting out signals on those freqs. and 91.1 and 90.9 as well, since at least May. They fooled me that day too!-gc). Had it/them on car radio during an Es lull. Do they count as separate stations? (I don't know what club rules are for something like that?-gc). July 11 atop Scarborough Bluffs in east Toronto, WBEE Rochester is so strong that it over-rode local CISS on 92.5 in one area. 99.7 Palmyra NY also held its own despite CKFM 99.9. Speaking of CISS, July 25, had dance music on 92.5 and 'Kiss 92.5' slogan. Toronto's new country FM, CISS, has same slogan. Turned out to be Toledo! July 17 weekend, a station broadcast the Molson Indy car races. In previous years it has been CIEX on 91.9. This year 106.3 and so weak some local DXers didn't get it. July 23, CBC relay on 91.5 & 94.3 // 105.9, 105.9 and 107.5 to be replaced by 91.5 this September, with commercial AMers going to FM. Will report full details next month. 94.3 is a new relay in Huntsville. Both seemed to sign on late in the day, so I suspect still prepping. 91.5 tested a few years ago but signal was poor and the switch wasn't made. This time it seems stronger, I logged it in Toronto. Sounds like Nashville was a Texan blast; sounds like the event was well put together and wish I could have gone. On with the fall tropo!

73's Saul

BILL NIENAJADLY (KF2OK) - PO BOX 2999 - CLIFTON, NEW JERSEY 07015

Equipment: Fisher FM 889 tuner, 2 110 khz filters, 6 element antenna

JUNE 1993 DX

12 Es (finally!)

1223 WCTQ 92.1 FL Venice, Es pest yearly!  
 1225 {WIKX} 92.9 FL Punta Gorda, ex WQLM  
 1238 WYUU 92.5 FL Safety Harbor, burnouts  
 1246 WMTX 95.7 FL Clearwater, Mix 96 yawn  
 1253 WXCV 95.3 FL Homosassa (hmmm, something new for a change!)  
 1300 WMFQ 92.9 FL Ocala, Q-Lite  
 1313 WRKX 96.1 FL Bonita Springs, 96 K Rock  
 1321 WDDQ 92.1 GA Adel, "Truckstop, exit 10, Adel" all adds  
 1331 WRLX 92.1 FL W.Palm Beach, Relax 92.1  
 1337 WEOW 92.5 FL Key West. Wow 92.5 and Future hits Program  
 1350 WZEW 92.1 AL Fairhope, 92 Zoo, zzzzzz  
 1405 WLUN 95.3 MS Lumberton, legal ID  
 1409 WDJC 93.7 AL Birmingham  
 1420 WJMI 99.7 MS Jackson  
 1433 WPCF 100.1 FL Panama City Bch, local  
 1436 WOOF 99.7 AL Dothan, Woof, snore, yawn!  
 1500 KCMA 92.1OK Broken Arrow  
 1523 KXLS 99.7OK Alva  
 14 Tr (very strong)

2302 WEHN 96.7 NY E.Hampton, full scale  
 2304 WBLQ 99.3 RI Block Islands, full scale  
 2314 WCTK 98.1 MA N.Bedford, full scale  
 2315 WJFD 97.3 MA N.Bedford, Portuguese  
 2315 WXTK 94.9 MA W.Yarmouth, full scale!  
 2320 many New England and Long Island full scale  
 22 Es

1737 WTUG 92.9 AL Tuscaloosa  
 1743 WRQO 102.1 MS Monticello, Q102, MS wx  
 1755 WTYJ 97.7 MS Fayette, WTYJ/WMIS nx  
 1759 WJMI 99.7 MS Jackson  
 1808 WBKN 92.1 MS Brookhaven

1832 KZOC 92.9 KS Osage City  
 1846 KTGL 92.9 NE Beatrice  
 1852 KEFM 96.1 NE Omaha, ( zzzz, yawn snore), hi-Mike?  
 1914 KMOE 92.1 MO Butler, ments of St.Louis Cardinals ball game later on  
 1930 KICT 95.1 KS Wichita  
 24 Es  
 1400 MUF to FM 94.5,1430 approx, no IDs  
 1732 WBKN 92.1 MS Brookhaven  
 1742 WDLJ 96.9 MS Indianola  
 1900 WJMG 92.1 MS Hattiesburg  
 1906 WBLX 92.9 AL Mobile  
 1907 WVJF 93.3 GA Manchester, Christian mx  
 1910 WXUS 100.5 AL Fort Rucker, US100, k  
 1913 WKCN 99.3 GA Lumpkin, Kissing Country  
 1915 WXDJ 95.7 FL Homestead, se habla Espanol  
 1920 WRJM 93.7 GA Geneva  
 1922 WLUN 95.3 MS Lumberton, 3rd time heard this season  
 2015 WLRQ 99.3 FL Cocoa, Brevard County lame music, yawn zzzzzz

JULY 1993 DX

3 Es

1750 WJXR 92.1 FL Macclenny, home shopping  
 1755 WDDQ 92.1 GA Adel, exit 10 Adel  
 1830 KZOC 92.9 KS Osage City  
 1840 KYEZ 93.7 KS Salina  
 1847 KJNA 99.3 LA Jena  
 1850 KRVV 100.1 LA Bastrop, bumout city!



P.O. BOX 5398, GAINESVILLE, FL 32602

BILL NIENAJADLY's report continues...

JULY 1993 DX

5 Es

1821 WQUE 93.3 LA New Orleans

1822 WZEW 92.1 AL Fairhope

6 Es

1848 KSD 93.7 MO St.Louis

2030 strong trop to the east

12 Es

1842 KYKX 105.7 TX Longview, (song-case of  
beer fell off my pickup truck now I'm  
cryin + drinkin) hi hi

1848 KSYN 92.5 MO Joplin, ment nearby areas

1850 KFXI 92.1 OK Marlow, local mentions

24 Es

1205 KRLS 92.1 IA Knoxville, or Nocksville?

1210 KTGL 92.9 NE Beatrice, Eagle

1213 KLOA 93.3 IA Des Moines, oldies,

talking about Des Moines water works

1223 KRNA 94.1 IA Iowa City/Cedar Rapids  
all Iowa Fair Durham Downs, local ments

Much E-skip, but much of it was short lived with many of the openings a half hour or less to minutes at best. I did note MUF to 107.9 twice but none of it lasted long enough to ID it. After a horrible spring, I'm glad it came back. No blockbuster trop though. A few Boston, Providence, New Bedford stuff, but no deep North Carolina Stuff. July 30th 1993 I passed my Extra Class Ham Radio License with a long time dream realized (Congratulations Bill-ge). What next? Maybe a First Class radio telephone or a commercial licence someday where I could work on commerical radio and TV transmitters, hmmm. Well anyway, goodby!

Bill KF20K/AE

RICHARD CONTONE - 162-07 87th STREET - JAMAICA, NEW YORK 11414MAY 1993 DX

31 Tr

1442 WDRE 92.7 NY Garden City, \$-stereo 13



WDRE IDs with a WI- in Philadelphia. A contemporary hard-rock station (L dislike it, but want the one in Philly. Possibly with WIOQ 102.1 but FM Atlas says "slow rock". (It is WIBF 103.9 Jenkintown/Philly that they are parallel to: WIOQ is "Q102" and dance music. On July 6 I received a WEHM which advertises as "East-end radio". I found that it originated from Eastern Long Island, NY, which I call Suffolk County. From me to Suffolk Co. border is 35 miles by car, but it was interesting that it came over WKHL Stamford, CT on 96.7. I always get WKHL "Cool FM" because of its power, so this WEHM was rare. No list in the FM Atlas on 96.7, I guess coming from the Hamptons (yep, E.Hampton, it is a new station-ge). Looking for it under WKHL. Another: A WJUX-FM 103.1. I think that it is coming from a transmitter in Wayne, NJ using a transmitter that once was on the educational band on 88.7 Mhz. FM Atlas lists as WPSC. Call themselves "Jukebox Radio". Get them under WBZO 103.1 Bay Shore. They serve Hackensack, NJ, which is 20 miles from me. Note: I just equipped myself with a bandstop filter for VHF-HI TV attenuation for FM reception. I built it from a filter design using LC traps. Club for 7-23 log, I switched to MW longwire antenna from all band TV used dual amplifier - perfect!

73, Richard Contone

WORTH REPEATING

Extracted from an editorial in the Sun Times, Owen Sound.

Radio Fugue FM in Compiegne, France, plans this summer to broadcast a special sound wave for mosquitoes.

The station intends to broadcast an ultrasound inaudible to humans at the frequency emitted by male mosquitoes, to keep the females away. The signal will create "a bubble with a radius of four metres around the radio free of biting mosquitoes," Fugue claims.

The prospect seems attractive. Perhaps we should be soaking the newsprint in citronella.

TORONTO STAR

4.  
Saul  
Chernos

JULY 1993 DX

18 Tr

1700 WHTG 106.3 NJ Eatonton, not much 25

23 Tr

2125 WJLK 94.3 NJ Asbury Park, this station  
IDs with WQNJ 98.5 Ocean Acres, NJ. I  
wrote a reception report but still in mail 29

## DAVE NIEMAN-12281 NICE ROAD-AKRON, NEW YORK 14001-9529

Equipment: Carver TX-11a tuner, Channel Master Stereo Probe 9 at 36 feet AGL on crankup tower, (826 feet ASL). Alliance HD-73 rotor and RG-11 coax. New loggings are underlined. New call (KKKK). New propagation mode WWWW.

## JULY 1993 DX

1 Eskip		JULY 1993 DX	
1334 <u>WKGR</u>	98.7	FL Fort Pierce, "The Gator 98.7", rs	1099
1340 <u>WRBQ</u>	104.7	FL Tampa, "The Q-105", KS	1061
1350 <u>WJLF</u>	91.7	FL Gainesville, call+ "Love 91", GS	944

## JULY 1993 DX

6 Eskip		JULY 1993 DX	
1200 <u>KCLV</u>	99.1	NM Clovis, call, KS	1448
1218 <u>KCSU</u>	90.5	CO Fort Collins, call, rps	1374
1300 <u>KSEC</u>	93.3	CO Lamar, call+ "KC-93", KS	1304

Wow!! after looking at Greg Coniglio's report and others in the August VUD; I did miss some good DX in June. What I didn't miss was one of the best and biggest WTFDA conventions in years. Hosts Doug Smith and Tom Bryant must have spent every waking hour for months planning it. Everything ran smoothly; the hotel staff were warned about DXers and what they might see coming thru their lobby (antennas & electronics gear). I thought the hotel staff would think we were CIA setting up a surveillance of Nashville and the surrounding area or a sting operation. DX from the hotels 9th (top) floor was better than I imagined. The FM band was loaded with stations and not all local. Loggings of 300+ miles were common; and the view from downtown was spectacular. Glad I didn't miss this convention. Thanks Tom, Doug you both did a great job and thank to all Nashville area broadcast stations, Opryland USA & businesses for your contributions to the 1993 WTFDA Nashville Convention goodie bag. Tom, Doug; how about 1994? see you both in Nashville again?? Ha! Dave

## DAVE NIEMAN - HO STA GEH - ROAD-ROCK CITY, NEW YORK

Equipment: Carver TX-11 tuner IF filter modified. Antennacraft FM-10, at 25 feet AGL, (2415 feet ASL), Winegard FT-7600 variable FM trap for 95.7mHz, RG-6 coax and Radio Shack rotor. New loggings are underlined. New call (KKKK). New propagation mode WWWW.

## JULY 1993 DX

3 Eskip		JULY 1993 DX	
1523 <u>WMCU</u>	89.7	FL Miami, call, S	1144
1529 <u>KQID</u>	93.1	LA Alexandria, "93.QID", rs	1042
1544 <u>WPOW</u>	96.5	FL Miami, "power-96", rs	1147
1600 <u>KTRU</u>	91.7	TX Houston, ID, JS	1268
1600 <u>KPFT</u>	90.1	TX Houston, ID, JS SS	1263
1606 <u>KRTS</u>	92.1	TX Seabrook, "Houston's fine arts station", CS	1259
1613 <u>KLOL</u>	101.1	TX Houston, "Houston's #1", call, rps	1279
1656 <u>KERA</u>	90.1	TX Dallas/Ft. Worth & Denton, ID, CS	1202
1755 <u>WXKB</u>	103.7	FL Cape Coral, "B-103", rs	1067
1857 <u>WKGC</u>	90.7	FL Panama City, call, es	912
1906 <u>KLJC</u>	88.5	MO Kansas City, call, GS	863
4 tropo			
0835 <u>W214AA</u>	90.7	NY Corning, "WSKG 89.3, CS	71
5 tropo			
0720 <u>WRTI</u>	90.1	PA Philadelphia, "Jazz 90", JS	217
0729 <u>WBGB</u>	93.3	OH Youngstown, call, OS over WWSE Jamestown, NY	130
0731 <u>WQZS</u>	93.3	PA Meyersdale, The all new "QZ-93", rps, over WWSE Jamestown, NY	157
0741 <u>WELK</u>	94.7	WV Elkins, lcl wx + "K-95-FM", rps	225
0804 <u>WPRR</u>	100.1	PA Altoona, call, rps over ICI WBRR Bradford, PA	105
0814 <u>WYSN</u>	101.7	PA Central City, "Sunny 101.7", ms	133
0843 <u>WALY</u>	103.9	PA Bellwood, "Wally 104", OS over WLMI Kane, PA	100
0935 <u>WGTY</u>	107.7	PA Gettysburg, "Country 108" GTY, KS, over WNUC Wethersfield, NY	169
1037 <u>WCBS</u>	101.1	NY New York, New Yorks oldies station "CBS-FM", OS	248
17 tropo			
0312 <u>WXLK</u>	92.3	VA Roanoke, "K-92", rs	344
0847 <u>WJPA</u>	95.3	PA Washington, call, OS	156
26 tropo & scatter			
1343 <u>CBCO</u>	94.3	ON Orillia, tMono CBC radio //105.9 Orillia	185

## JULY 26 tropo &amp; scatter continued

1416 <u>WCIZ</u>	97.5	NY Watertown, "CIZ-FM", rs over WKYN St. Marys PA	188
1539 <u>WSKQ</u>	97.9	NY New York, SS, LS	248
1585 <u>WDAC</u>	94.5	PA Lancaster, call, GS over WNED Buffalo NY	187
1838 <u>WHUR</u>	96.3	DC Washington, call, S phone in talk show	224
		July 29th, I replaced Antennacraft FM-10 with Channel Master model 4408 "Stereo Probe 9".	
29 troposcatter			
1827 <u>WPST</u>	97.5	NJ Trenton, call, rs over WKYN St. Marys PA off temporarily	228
30 tropo & Eskip			
1400 <u>W20A??</u>	88.7	NY Dansville, ID WMHR 102.9, GS	55
1536 <u>WQHT</u>	97.1	NY New York, "Hot-97", SS New York's hottest music	248
1918 <u>WUSA</u>	100.7	FL Tampa, Tampa Bays "W.101", rs	994
1923 <u>WAYJ</u>	88.7	FL Fort Myers, "way-FM", GS	1100
1935 <u>WMNF</u>	88.5	FL Tampa, call, OS	1003
1945 <u>WYFE</u>	88.9	FL Tarpon Springs, call, GS	968
31 tropo & scatter			
		WNUN 107.7 Wethersfield NY off this morning for a couple hours.	
0741 <u>WHSB</u>	107.7	MI Alpena, "107.7 HSB", rs	337
0748 <u>WFSP</u>	107.7	WV Kingwood, "sunny 107.7", call, RS	253
0751 <u>WGNA</u>	107.7	NY Albany, "country 107.7" + call, KS	232
0815 <u>WBZW</u>	107.7	OH Loudonville, call, "oldies 107", OS	212
0836 <u>WRKR</u>	107.7	MI Portage, call, rps	352
0916	107.7	?? ???????, rock-n-country "thunder 107.7", rks	???

## AUGUST 1993 DX

1 tropo & scatter		AUGUST 1993 DX	
0414 <u>WERQ</u>	92.3	MD Baltimore, "92-Q", lcl wx call, SS, WRRN Warren PA off for the night,	208
0932 <u>WSNU</u>	92.1	PA Lock Haven, "sunny 92" area ads, rps	78



Took down the FM-10 and put up a Probe 9 at the same height. I didn't take too much time to play around with it but I did notice more gain, better nulls and a much better front-to-back ratio. Dave

## NORTHERN FM DX

SEPTEMBER 1993

dBRUCE HALL - 5 STIRTON AVE. - BRANTFORD, ONTARIO CANADA N3T 1E2

Equipment: JVC JRS201 receiver (IF mod with 3 110 khz filters), Magnum Dynalab Sleuth 205 amp, Probe 9 fed with RG6 at 50' AGL. Crown rotor, distances are in kilometres.

### JULY 1993 DX

5 Tr

2200 WMHI 94.7 NY Cape Vincent, g, legal 337  
2228 CKKL 93.9 ON Ottawa, r, Cool FM, Fewer commercials and less talk, the new Cool FM 447

6 Es

1700 CBKF 97.7 SK Regina, tm, CBC ID heard in French, 5th PROVINCE heard 2025  
1721 WTBX 93.9 MN Hibbing, r, calls, y/l 1099  
1724 KXLP 93.1 MN New Ulm, r, local ads 1147  
1726 KKWQ 92.5 MN Warroad, k, KQ92 "Gibson Miller Band, Texas Tattoo on KQ92" 1327

7 TrS, Tr

1208 CJRQ 92.7 ON Sudbury, Q92 weather 380  
1341 WDSY 107.9 PA Pittsburgh, k\$, "today's hot new country here's Pam Tillis on Y108" 299  
1413 WENZ 107.9 OH Cleveland, "Helping to preserve our environment 107.9 The End" 213  
Energy 108 running at low energy, thanks for tip Greg

July 21 TrS (3 Buffalo stations off the air)

0012 WKKW 106.5	WV	Clarksburg, calls sung out and Clarksburg heard, k	426
0049 WHLM 106.5	PA	Bloomsburg, New Mix 106.5 and calls also heard	394
0123 WSTO 96.1 KY	Owensboro, r, 96STO	"today's best music", Mike Desmond DJ	829
0246 WFCJ 93.7 OH	Miamisburg, gospel music and calls heard		511
0228 WRVC 93.7 KY	Ashland, Oldies 93 "The 100, 000 watt voice of good times rock and roll, the new Oldies 93 RVC", Wild Thing by the Troggs		



Thanks Greg for tips on Low Energy 108 and your 3 locals off info. Netted 7 new ones thanks to you. Especially pleased with WSTO at 829 km in Full Stereo! Sitting here writing this, enjoying the midnight skyline of Nashville with Doug Smith working the 2m ham band and Mike Hawk working the FM. It's Sunday night and the 93 convention is winding down quickly. This report concludes my 4th convention and I feel quite strongly that Doug Smith and Tom Bryant deserve several kudo's for what I consider the new high standard that all future conventions will be compared to. Every detail was looked after so well by Tom and Doug and they even used their southern hospitality to open up the band for the BEST TROPO of the season! Thanks guys for the dance at "Tropo City USA" 73 dB

## GUS MANCUSO - 5615 INWOOD STREET - HYATTS, MARYLAND 20785

From Atlantic City, NJ, S.W. side of Caesar's Palace

### MAY 1993 DX

13 Tr

1930 WQNJ 98.5 NJ Ocean Acres, simulcasts with WJLK 94.3 Asbury Park  
2050 WJNN 106.7 NJ Cape May, news

14 Tr

0655 WSHU 91.1 CT Fairfield  
0715 WLIF 101.9 MD Baltimore



STATION NEWS: WBNJ 105.5 Cape May Courthouse, NJ is now country, WEGX 106.1 in Philadelphia is now WJJZ, and jazz. Still not on are: 105.7 and 107.3 in south NJ. Have picked up 56, 16, and 4 new stations the last 3 summer trips respectively. Time to try Foxwoods casino in Connecticut! Note: moved to the usually more lucrative N.E. side of building for the second nite, but did not get any new loggings!

**REPORT TO THE V.U.D. TODAY!!**

JEFF FALCONER - P.O. BOX 63 - CLINTON, ONTARIO NOM 1L0

Equipment: Magnum Dynalab FT-101A, Probe 9 at 27' with rotor, RG-11 feed, Magnum Dynalab 205 preamp.

## MARCH 1993 DX

## 3 TrS

1741 WVSH 91.9 IN Huntington, rs\$, ID 277

## 7 MS

0103 KVIL 103.7 TX Dallas, "KVIL. home of the best"

## APRIL 1993 DX

## 9 TrS

0027 {WORD}101.5 PA Pittsburgh, g\$, ID, ex: WPIT 234

0034 {CKGE} 94.9 ON Oshawa, r\$, ex: CKQT 135

## 14 TrS

2041 WKS 102.7 PA Williamsport, ads\$ 2842100 WKBI 94.3 PA St.Mary's, o\$, and ID, easier now that WEOZ is off the air 213

## 17 TrS

1843 {WYGY} 96.5 OH Hamilton, k\$, Y96, ex: WZRZ 327

1848 {WMMX} 107.7 OH Dayton, rm\$, Mix 107-7 302

## 18 TrS

1627 CJMJ 100.3 ON Ottawa, r\$, Magic 100 313

## MAY 1993 DX

## 16 TrS

1402 WECI 91.5 IN Richmond, ID, nx\$ 314

## JUNE 1993 DX

## 12 Es

1150 WJXR 92.1 FL Macclenny, k\$ 9211153 WLJS 91.9 AL Jacksonville, r\$?

"Hot Rockin' 92-J"

1201 WUWF 88.1 FL Pensacola, c\$, ID 9641206 WBHY 88.5 AL Mobile, g\$ 9631207 WFIT 89.5 FL Melbourne, ID\$ 10741209 WVLK 92.9 KY Lexington, k\$, K93, (TrS) 4151213 WJDB 95.3 AL Thomasville for Alabama Power 893

1251 {WJYO} 91.5 FL FL Myers, g\$, Joy FM, previously heard as WSRX 1186

1300 WLRN 91.3 FL Miami, ID\$ 12361302 WMCU 89.7 FL Miami, ID, wx\$ 12361334 WRMB 89.3 FL Boynton Beach, address\$ 11831514 KTUX 98.9 TX Carthage, r\$, Tux 99 10561520 KAGG 96.1 TX College Station, ads\$ 12141521 KYKZ 96.1 LA Lake Charles, k\$, Kicks 96 10161524 KWKH 94.5 LA Shreveport, k\$, Radio Ranch 10161525 KITT 93.7 LA Shreveport, ID\$ 10161526 KSSN 95.7 AR Little Rock, k\$, Kissin 96 8401527 KEGL 97.1 TX Ft.Worth, r\$, The Eagle 11401532 KMOO 96.7 TX Mineola, k\$ 10712055 KSCS 96.3 TX Ft.Worth, k\$ 1140

## 15 Es

1800 KUNC 91.5 CO Greeley, ID\$ 1210

## 16 Es

2047 WMMK 92.1 FL Destin, k\$, K92 953

## 16 Tr

2107 WNUA 95.5 IL Chicago, m\$, ID 332

## 21 Es

1803 WPRK 91.5 FL Winter Park, r\$, ID 10382000 KVNE 89.5 TX Tyler, g\$

## June 21st Eskip continued

2014 KPLX 99.5 TX Ft.Worth, k\$, K-Plex 11402015 KRSR 105.3 TX Dallas, k\$, Young Country o/local CFCA (Jeff, they have new calls, but I don't recall what they are. KYNG I believe-gc) 11172025 KCYI 106.7 TX Granbury, Coyote Rdo, bm\$ 11742030 KSTV 105.7 TX Stephenville, ads\$ 12022033 KSSA 106.9 TX McKinney, Spanish\$ 10892057 WRR 101.1 TX Dallas, c\$ 1117

## 24 Es

1742 WHLZ 92.5 SC Manning, k\$, Wheels 92-5 6892045 WZZR 92.7 FL Stuart, ads\$ 11372049 WXDJ 95.7 FL Homestead, SS\$ 12322050 WEDR 99.1 FL Miami, rs\$, 99 Jams 12362052 WRTO 98.3 FL Goulds, Spanish\$ 12122054 WEOW 92.5 FL Key West, r\$, Wow 92-5 13172056 WAIA 93.3 GA St.Mary's, ads\$, A1A 8902058 WYUU 92.5 FL Safety Harbor, o\$ 10842100 WIKX 92.9 FL Punta Gorda, ID\$, ex WQLM 11532102 WHTQ 96.5 FL Orlando, r\$, Q-96 10422108 WZMQ 103.9 FL Key Largo, Spanish in stereo, Stereo Fiesta 12832128 WCMQ 92.3 FL Hialeah, Spanish\$ 1232

## 26 TrS

0218 WRVF 98.9 OH Upper Arlington, k\$, River 2621108 CIRV 88.9 ON Toronto, ethnic, ads, ex 88.7 108

1638 {WTKB} 100.7 PA New Kensington, k\$, "K-bear" ex WMXP 229

## 28 TrS

0712 WDCZ 102.7 NY Webster, g\$, ID 208

## JULY 1993 DX

## 1 Es

1909 KGNZ 88.1 TX Abilene, g\$, ID 12551923 W207?? 89.30 OH? WKSU 89.7 xtr (trS)1929 KACU 89.7 TX Abilene, ID\$ 12551930 KSYE 91.5 OK Frederick, ID\$ 11351931 KFLQ 91.5 NM Santa Fe, nx, wx sps\$ 14321936 KNFM 92.3 TX Midland, wx\$ 13791938 KQIZ 93.1 TX Amarillo Texans BB\$ 12281939 KBAT 93.3 TX Midland, r\$, Pur eRock 93 13791943 KECO 96.5 OK Elk City, k\$, ID 11091946 KCLV 99.1 NM Clovis, k\$, ID 13281952 KZRQ 105.1 NM Albuquerque, r\$, Z-Rock 1467

2006 {KERC} 107.5 NM Clovis, k\$, ex: KZZO 1328

2029 KRZA 88.7 CO Alamosa, ID\$ 1346

## 2 TrS

0000 CBON18 88.1 ON Sault Ste Marie, CBC FF mono 2430050 WBNS 97.1 OH Columbus, o\$, all new B97 2620112 WGLQ 97.1 MI Escanaba, ads\$ 3090153 WJQZ 93.5 NY Wellsville, rm ID, too weak to tell if \$ (it is not, they are mono-gc) 209

**102.9 K-Lite FM**  
 Continuous Light Hits!

MORE GREAT DX ON THE NEXT PAGE!!

## JEFF FALCONER's DX continues.

## JULY 1993 DX

<u>3 Es</u>			<u>6 Trs</u>	
1538 WMAW 88.1 MS Meridian, c\$	870	2100 {WWDX} 92.1 MI St.Johns, r\$, The Edge		
1548 KPAE 91.5 LA Erwinville, asking for \$\$	1057	ex WXMX	158	
1552 WQCK 92.7 LA Clinton, remote from Family Freedom Festival, Q-92.7	1024	2123 WVAQ 101.9 WV Morgantown, rs\$	287	
1555 KKQB 92.9 TX Pasadena, k\$, 93-Q country	1226	<u>10 Trs</u>		
1601 <u>WADU</u> 94.9 LA Reserve, ads\$	1058	1157 {WPSX} 102.3 MI Big Rapids, o\$, Power 102.3		198
1623 KQKI 95.3 LA Bayou Vista, k\$	1102	Fm, ex WAAQ		
1626 WYNF 94.9 FL Tampa, r\$, 95-YNF	1084	<u>11 Trs</u>		
1632 {KLEB} 94.3 LA Galliano, k\$, 94 Country ex: KBAU 1060		0053 <u>WDVE</u> 102.5 PA Pittsburgh, r\$, ID finally!	234	
1653 <u>WESE</u> 92.5 MS Baldwin, ads\$	735	1025 W220AI 91.9 PA Meadville, g\$ // WCRF 103.3	154	
1655 WSCF 91.9 FL Vero Beach, g\$	1106	<u>12 Es</u>		
1752 WEOW 92.5 FL Key West, rs\$ Wow 92-5 FM	1317	1955 <u>WJYR</u> 92.1 SC Myrtle Beach, m\$, Joy 92	700	
1756 <u>WOZN</u> 98.7 FL Key West, ads\$	1317	1957 <u>WLGI</u> 90.9 SC Hemmingway, Radio Bahai	691	
1758 WHYI 100.7 FL Ft.Lauderdale, r\$, Y100	1212	2044 <u>WPAP</u> 92.5 FL Panama City, k\$, ID	957	
1759 WLYF 101.5 FL Miami, m\$	1236	<u>18 Trs</u>		
1800 WZMQ 103.9 FL Key Largo, Spanish\$	1283	1023 <u>WVLK</u> 92.9 KY Lexington, becoming regular	415	
1801 WEAT 104.3 FL W.Palm Beach, wx rpt\$	1171	<u>19 Tr</u>		
1804 WQBA 107.5 FL Miami, Spanish\$	1236	1749 <u>WZOW</u> 97.7 IN Goshen, o\$, ID	260	
1809 WRTQ 98.3 FL Goulds, Spanish\$	1250	1755 <u>WDJB</u> 106.3 IN Columbia City, rs\$, B106	263	
1811 WCVU 94.5 FL Naples, ads\$	1208	1814 <u>WXKE</u> 103.9 IN Ft.Wayne, o\$	255	
1838 <u>WAYG</u> 89.1 FL Sarasota, g\$, Way FM	1127	1837 <u>WMRI</u> 106.9 IN Marion, b\$	300	
1842 WCTQ 92.1 FL Venice, k\$, Q92	1142	1840 <u>WWKI</u> 100.5 IN Kokomo, k\$, ID	320	
1843 <u>WCHY</u> 94.1 GA Savannah, k\$, Y94	798	1845 <u>WLBC</u> 104.1 IN Muncie, r\$, The New 104.1	309	
1845 <u>WKQL</u> 96.9 FL Jacksonville, o\$, Cool FM	918	1900 <u>WERK</u> 104.9 IN Muncie, o\$, Oldies 105 WERK		
1849 WGCO 98.3 GA Midway, o\$, Oldies 98.3	795	AM and FM Muncie-Anderson	309	
1851 WTKT 98.5 FL Crystal River, r\$	1019	1921 <u>WNUY</u> 100.1 IN Bluffton, o\$, Y-100	270	
1854 WQIK 99.1 FL Jacksonville, k\$, ID	918	<u>23 Tr</u>		
1900 <u>WLQH</u> 97.3 FL Chiefland, ID\$	979	1844 <u>WLST</u> 95.1 WI Marinette, o\$, Easy Rock 95	318	
1904 WXDJ 95.7 FL Homestead, Spanish\$	1254	1846 <u>WHYB</u> 103.9 MI Menomonee, promo for		
1905 <u>WGYL</u> 93.7 FL Vero Beach, o\$	1106	the Menomonee County Fair\$	318	
1919 WJXR 92.1 FL Maccleny, auction\$	921	1904 <u>WJNR</u> 101.5 MI Iron Mountain, r\$, Hits 101	355	
<u>4 Trs</u>		<u>24 MS</u>		
1129 WRVM 102.7 WI Suring, g\$	351	1139 <u>KUNC</u> 91.5 CO Greeley, "The temperature		
1133 <u>WUVE</u> 104.5 MI Saginaw, r\$ // WBTZ 100.9	123	in Greeley is...", prev via Es		
1146 <u>WCMM</u> 94.7 MI Gulliver, k\$, The Country Music Machine	294	73 and good DXing, Jeff		
1617 {WVTY} 96.1 PA Pittsburgh, ads, Variety 96.1	234			
<u>6 Es</u>				
1831 {KNIN} 92.9 TX Wichita Falls, ID\$, ex KBID 1134				

ALAN R. MILLMAKER - 2714 LAKE ROAD - CENTRALIA, ILLINOIS 62801

KA9GUL. Equipment: Lafayette 3030 receiver, Winegard 3030 antenna up 20 ft, amplifier 1113B set to minimum or AOR scanner amplifier. I heard the following information on 7/25/93 on 98.7 at 1217PM, weather forecast calling for a high of 103, remote from Wal-Mart, then ID of KLUV (Dallas-Fort Worth) (TEXAS) playing oldies. I then decided to tune up Lafayette 3030. First the oscillator was set on frequency, then the mixer was adjusted for maximum on the high end of the dial, and finally the antenna trimmer was adjusted in the same location. On morning of 7/27 I picked up these with antenna west-0127 WDJK 99.7 Louisville, Ky.

0132 WZPL 99.5 Greenfield, Ind.  
0142 WXXP 97.9 Anderson, Ind.

I want to reverify that I heard KMZU and not KMTU as I previously reported. The DJ that was on at the time said call letters wrong.

**WUFT-FM**  
**CLASSIC 89**

# NORTHERN FM DX

SEPTEMBER 1993

Mike Hawk, NOOSY - 10212 P ST - Omaha, NE 68127-2130  
Equipment: Kenwood KT-815 tuner (IF mod), FM-10 at 30'

<b>6/30 Es</b>						
0032 KNEV 95.5 NV Reno, Magic 95-5	1256	1729 WMAU 88.9 MS Bude				733
<b>7/1 Es</b>		1734 WMXZ 95.7 LA New Orleans, Mix 95.7				846
1743 WKNN 99.1 MS Pascagoula, ads	859	1859 KBNR 88.3 TX Brownsville, SS				1062
1745 WABB 97.5 AL Mobile	852	1900 KMBH 88.9 TX Harlingen, Classic 88				1043
1746 Left for work but had tape player going		1907 KBSO 94.7 TX Corpus Christi, Beso				930
1750 WQID 93.7 MS Biloxi	848	2022 KBNL 89.9 TX Laredo, SS				967
1812 WYBB? 93.7 TN Dickson, mntion of central		<b>7/6 Tr</b>				
TN and also Nashville in ad. This would		2201 KZZD 91.1 KS Wichita, Z91, r				254
be state #47 and closest Es ever	587	<b>7/8 Es</b>				
1815 WDJC 93.7 AL Birmingham, g	735	1030 WAYJ 88.7 FL Ft Myers				1302
<b>7/2 Tr</b>		1034 WAYG 89.1 FL Sarasota				1230
2308 KMZU 100.7 MO Carrollton, ID's. Heard		<b>7/9 Tr/Ts</b> (KVNO, KGBI, KZKX, KLDZ off & KYNN				
THROUGH KGBI (100 kW local) on 100.6 and		on w/ open carrier after t'storm)				
100.8. Apparently KMZU has a wide signal		0116 KKOW 96.9 KS Pittsburg, K97				272
2312 KFMZ 98.3 MO Columbia, r	251	0910 KRDO 95.1 CO Colorado Springs				492
<b>7/3 Tr</b>		<b>7/28 Tr</b>				
0015 KBIA 91.3 MO Columbia	251	2300 KMOD 97.5 OK Tulsa				350
0032 KMJF 107.7 MO St Louis, Magic 108; other		2315 KGND 107.5 OK Ketchum, K-Grand				342
St. L's also heard		2344 KGLC 100.9 OK Miami, lcl ads				306
0111 KRRR 100.9 MO Canton, K triple R	248	<b>7/29 Tr</b>				
<b>7/6 Es</b> MUF 107.5; off/on all morning		2210 KQSK 97.5 NE Chadron, "97.5 and 106 FM"				
0931 WZFX 99.1 NC Whiteville, The Fox	1060	2215 KSDZ 95.5 NE Gordon, k				334
1048 WNSC 88.9 SC Rock Hill, SC Pub. R	926	2227 KRZZ 96.3 KS Derby, tough w/ KEFM-96.1				
1055 WRJA 88.1 SC Sumter, //88.9	950	2305 KPNY? 102.1 NE Alliance, Tri-102				357
1056 WEZK 97.5 TN Knoxville, TN#2	748	Tulsa stns and some SD also in strong				
1101 WMAP 102.3 SC Pageland	962	<b>7/30 Tr</b>				
1104 WPEG 97.9 NC Concord, Power 98	929	0100 KILI 90.1 SD Porcupine, "Keeleee Radio"				
1107 WFSS 91.9 NC Fayetteville	1025	0130 KSCK 99.1 KS ??, Channel 99. Note 1.				
1312 WALK 97.5 NY Patchogue, Walk FM	1202	0811 KRJY 96.3 MO St Louis, Juke Box 96				358
1317 WCIZ 97.5 NY Watertown, CIZ-FM	1042	0815 WBBA 97.5 IL Pittsfield				298
1318 CHYM 96.7 ON Kitchener, Chime FM; mntn		0855 KKHT 98.7 MO Springfield				313
of Kitchener. CL change?	810	0900 KKYU? 88.3 MO Springfield, The Wind FM				
1320 WKSS 95.7 CT Hartford, Kiss 95.7	1210	0910 KKTZ 107.5 AR Mountain Home, Mix 107.5				
1330 Monterrey and Nuevo Laredo in to 102.9		Note 2				391
All relogs except for:		0915 KKDY 102.5 MO West Plains				383
1331 XHNOE 91.3 TA Nuevo Laredo	968	0930 KAMS 95.1 AR Mammoth Spring, o/KLDZ?				
1333 XHRP 94.7 CL Saltillo	1128	K Country 95				406
1336 XHSAB 89.5 NL Sabinas Hidalgo, bad audio		1000 KWFC 89.1 MO Springfield				313
but \$ once again		1005 KCVG 91.7 MO Camdenton, g				283
1341 A FF station was heard on 94.9!		1025 KOEA 97.5 MO Doniphan, k				424

Note 1: In a promo they mentioned 4 decades of service. That seems strange considering I have no record of them or the call signs on 99.1 or any other freq. Maybe its another stn on 99.1 who just changed CL's?

Note 2: Frank Merrill's success in logging 9600 miles worth of tropo on 106.7 inspired me to recalculate 107.5, in which I've heard 6620 miles worth of tropo.

DX in July was mediocre. Es took a dive, but not quite as bad as last year. Tropo was terrible until the last few days of the month. Still nothing beyond 500 miles this year. The best tropo this year was at the convention in Nashville. Texas and Oklahoma was seen/heard to distances approaching 800 miles. I had a great time, and Tom and Doug did a great job as hosts. I'm already looking forward to next years, as long as it is within a 2 days drive and is during summer (school and DX conventions don't mix). It's strange in how much this year's DX has paralleled last year's. Es started strong both years & ended abruptly in July. Tropo was slow until the end of July both years. Maybe that means August will have 8 days of tropo beyond 500 miles like last year!? I hope so! 73

# CFMX-FM 103.1



**NORTHERN FM DX****SEPTEMBER 1993****MIKE BUGAJ - 69 SHERMAN RD - ENFIELD, CONNECTICUT 06082**

Tuner is a Carver TX11 (IF modified) with Probe 9 at 30' agl. New underlined

JULY 1993 DX2 Tr0845 WQSR 105.7 MD Catonsville, oldies  
0845 WIOV 105.1 PA Ephrata, Cntry 105, rare3 Es1748 WHFX 103.3 GA Waycross, Fox 103  
1751 WYGC 100.9 FL Gainesville, Hot k Hits  
1752 WNCK 99.7 SC Pt.Royal, K 99.7, k  
1759 WUSF 89.7 FL Tampa  
1852 WSYE 93.3 MS Houston, Sunny 93  
1852 WGRM 93.9 MS Greenwood  
1855 WKTF 95.5 MS Jackson, country?  
(Yeah, and new calls to go with switch-gc)1900 WAFR 88.3 MS Tupelo  
1906 KTRX 93.5 MO Tarkio ID w/KMZU5 Tr0920 CHEZ 106.1 ON Ottawa, Chez 106, plus  
other Ottawas6 Tr0630 heavy Norfolk and coastal Maryland  
2250 WRSF 105.7 NC Columbia, k  
2300 W.MYJ 106.5 MD Pocomoke City, dual ID  
with WKRE 107.5 which was also heard11 Tr0852 WDHI 100.3 NY Delhi12 Es1934 WOGY 94.1 TN Germantown, Froggy 94  
k, mention of Memphis area towns (Mike,  
this is Germantown moved from 94.3, not the  
94.1 Ripley CP-gc)  
2007 KTXK 91.5 TX Texarkana  
2016 KWKH 94.5 LA Shreveport, Radio Ranch  
2035 KRMF 101.1 LA Shreveport, k  
2036 WMC 99.7 TN Memphis, FM100  
2041 KYKX 105.7 TX Longview, Hot k Kicks  
2043 KNUF 101.5 TX Tyler  
2051 KDGE 94.5 TX Gainesville, The Edge25 Es1950 WAKX 98.9 MN Duluth  
1950 KUMD 103.3 MN Duluth Public Radio  
2000 WRJO 94.5 WI Eagle River  
2000 WSCD 92.9 MN Duluth  
2004 KMFY 96.9 MN Grand Rapids  
2005 KDKK 97.5 MN Park Rapids  
2015 CITI 92.1 MB Winnipeg, 92 City FM  
2015 CHIQ 94.3 MB Winnipeg, Q94 FM  
2020 KBHP 101.1 MN Bemidji25 Tr2100 Coastal Tropo, WAAI/WYFI/WOLC/WSLT,  
Norfolk area, coastal NJ and MD26 GW2000 Some testing to the west with music (no  
talk). Signal level about the same as Salisbury 98.1.  
I think this is the new Sharon 103.3 testing.30 Es1755 WOOF 99.7 AL Dothan  
1800 WRWA 88.7 AL Dothan  
1800 WDCO 89.7 GA Cochran, Peach St. PR  
1806 WPCN 100.1 FL Panama City Beach  
1808 WESP 102.5 AL Dothan, Oldies 102.5  
1812 WRCC 101.7 GA Warner Robbins, k  
1814 WJAQ 100.9 FL Marianna, k  
1821 WDJR 96.9 AL Enterprise  
1844 WMEZ 94.1 FL Pensacola  
1848 WTBB 97.7 FL Bonifay, 97.7 Pirate Radio  
1914 WTYY 95.5 AL Dothan  
1914 WRBA 95.9 FL Springfield, Bay 96  
1930 WTJT 90.1 FL Crestview, g  
1931 WRBH 88.3 LA New OrleansSo much for July DX. Tropo this month was poor.  
On a scale from 1 to 10, ten being excellent, I'd rate  
this Es season a 4. That's better than a zero, but  
not worth much more than a yawn.**JOHN EBELING - 9209 VINCENT AVE SO. - BLOOMINGTON, MINNESOTA 55431**All times are CST

FROM BLOOMINGTON, MINN LOCATION:

JUNE 1993 DX9 Es1954 KNFM 92.3 TX Midland, k  
1955 KODM 97.9 TX Odessa, Mix 97.9  
2000 KELI 98.7 TX San Angelo  
2015 KDCD 92.9 TX San Angelo, CD Country  
2020 XHEC 91.9 NL Sabinas  
2026 KVNE 89.5 TX Tyler, PSA for East  
Texas Crisis Center in Tyler

2029 KGNZ 88.1 TX Abilene

2035 KMTH 98.7 NM Maljamar, +X SCA, c

16 Es1725 KCEP 88.1 NV Las Vegas, I-15 traffic  
1730 KSRR 92.9 TX San Antonio, note 1  
1750 KBDR? 100.5 TX Mirando City, B100,  
does this one have new calls?

1755 KZOR 94.1 NM Hobbs

1823 XHEC 91.9 NL Sabinas, \$

June 16th skip cont.1833 KNFM 92.3 TX Midland,  
"West Texas Country Leader"  
1837 KBAT 93.3 TX Midland  
1841 KMRK 96.1 TX Odessa  
1901 KKOB 93.3 NM Albuquerque  
1930 KRZA 88.7 CO Alamosa  
1933 KHFM 96.3 NM Albuquerque  
1956 KAFF 92.9 AZ Flagstaff  
2006 KNAU 88.7 AZ Flagstaff  
17 Es  
1930 KNAU 88.7 AZ Flagstaff  
21 Es  
1731 WSCL 89.5 MD Cambridge,  
1737 WFBR 94.3 MD Cambridge, k (WICO-am)  
1742 WYLT 96.1 NC Raleigh, Y96FM  
1758 WSBF 88.1 SC Clemson  
29 Es  
1613 KJYE 92.3 CO Grand Junction, "KJOY", b  
2043 KUHF 88.7 TX Houston*more of john's dx to follow* →

## JOHN EBELING'S report continues-

## JULY 1993 DX

## 1 Es (Note 2)

1650 KPVU	91.3 TX Pararie View
1658 KJO	103.3 TX Freeport, g
1702 KIVY	92.7 TX Crockett, local ads
1706 KZFX	107.5 TX Lake Jackson, Z 107.5
1715 KULM	98.3 TX Columbus
1719 KHOY	88.1 TX Laredo, +X SCA
1724 KPLE	104.3 TX Temple
1726 KVIC	95.1 TX Victoria
1729 KVTT	91.7 TX Dallas, g, Renewal Radio
1731 KNTU	88.1 TX Denton
1754 KGSR	107.1 TX Austin/Bastrop
1755 KHK5	106.1 TX Denton/Dallas
1800 KALK	97.7 TX Winfield
1802 KWTX	97.5 TX Waco, a lousy ID
1803 KMDL	97.3 LA Kaplan

## 6 Es

1729 KIOX	96.9 TX El Campo
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**MIX**  
**99.9**

Note 1: On this June 16th opening I had Spanish on 17 frequencies: 88.3, 90.1, 90.9, 88.9, 91.7, 91.9, 92.7, 93.3, 94.1, 94.3, 95.7, 96.1, 96.3, 99.7, 106.5, and 107.5 (John, they may have been double hop, I had 1700 miles reception to Monterrey at that same time-gc)

Note 2: On the way to the cabin, logged KSYE 91.5 OK Frederick (g) and KBIL 92.5 TX San Antonio (r) on the car radio, at about 2100. This Es season, I have been in Toronto from June 2-9 and also in British Columbia from July 7-14. Did not notice any Es in rented car drive from Seattle to Prince George, BC and back. As one might, expect, FM band in Central BC is rather dead! That should about do it for now from MN. Regards from John Ebeling

MORRIS SORENSEN - 29 JANET BLVD. - SCARBOROUGH, ONTARIO M1R 1H7 CANADA

Equipment: Panasonic RF-B65 with whip antenna

DX from Kemptonville, Ontario

## JULY 1993 DX

## 9 Tr

2258 CKO1	96.9 PQ Verdun, French, local ads "say khaw" ID (C-koi in French)
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## 10 GW

2249 WNCO	102.9 NY Morristown, country mix, ID as "102.9 FM WNCO Morriston-Brockville, 1410 AM WNCO Watertown, Big Q Country", relatively new station
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## 11 Tr

2059 WVNV	96.5 NY Malone, country, ID sung out
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## 12 Es

1957 WUWF	88.1 FL Pensacola, U of W. Fla Radio
1959 WJSP	88.1 GA Warm Springs, Peach State P.R.

"New Orleans' Mix 95.7"

FROM PROSIT (ALBORN), MINN. LOCATION:

## MAY 1993 DX

## 16 Es

2004 CJAY	92.1 AB Calgary, CJ92
2008 CKUA1	93.7 AB Calgary
2009 CHFM	95.9 AB Calgary, Light 96
2015 CBR	102.1 AB Calgary
2018 CBRF	103.9 AB Calgary

## 23 Es

1015 KFGI	94.7 TX Luling, Froggy 94 oldies
1025 KHH7	93.3 TX Kileen, Texas hot k (John, it is Kileen with these new calls-gc)
1030 KEOM	88.5 TX Mesquite
1034 KSAQ	96.1 TX San Antonio
1116 KAGG	96.1 TX Madisonville, wx

## 31 Es

0940 KNPR	89.5 NV Las Vegas
0942 KBXS	92.7 NV Ely, k, wx (320 watts?)

## JUNE 1993 DX

## 13 Es

1029 KNFM	92.3 TX Midland
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## 18 Tr

2300 KBHL	103.9 MN Osakis
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## 21 Tr

0900 KQSD	91.9 SD Lowry
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## JULY 4 Tr

1357 KDIS	95.3 MN Wilmer, new
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## July 12 Tr

2157 WGIX	95.3 NY Gouverneur, ads, ID mentioning other stations on network, "full service radio"
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## 13 Tr

2156 CHGA	97.3 PQ Maniwaki, rock, French news
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2258 WHEN	107.9 NY Syracuse, "Country 108", legal ID
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## 14 Tr

1050 CBOF9	88.7 PQ Chapleau, French // CBF 690
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1336 CHOM	97.7 PQ Montreal, "chom", ID, baseball contest promo
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1341 CITE	107.3 PQ Montreal, soft rock "Cite" ID in FF
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1426 CBF 100.7 PQ Montreal, French talk // CBOX 102.5 I've recently rejoined WTFDA after an absence of a couple of years or so. I'm presently living in the Toronto suburb of Scarborough but do most of my DXing when I'm out of the city. Recent loggings come from Kemptonville, Ontario, near Ottawa (Welcome back, Morris. Hope to hear from you often-gc)

73, Morris Sorensen

# NORTHERN FM DX

SEPTEMBER 1993

DANIEL OETTING - 600 W. SCHUYKILL RD Y-6 - POTTSTOWN, PENNSYLVANIA 19464

Equipment: Harmon Kardon Citation 23 and rabbit ears

FROM EXTON, PA:

April 30: (My 1st child was born yesterday at 0406  
[Congratulations, Dan-gc] and here I am DXing the  
night away!!)

Tr

2330 WSBL 97.9 DE Selbyville, ID

2335 WCXL 104.1 NC Kill Devil Hills, r

MAY 1993 DX

1 Tr

0800 WNHW 92.5 NC Nags Head, k, ID

18 Tr

Strong Eastern Long Island relogs, 92.1, 95.3, etc

JUNE 1993 DX

12 Es

1234 WAYG 89.1 FL Sarasota, g

1238 WSRX 91.5 FL Fort Myers

1245 WYFO 91.9 FL Lakeland, g

1246 WCQT 92.1 FL Venice, k

1246 Had to leave Es

15 Tr

0605 WWNJ 91.1 NJ Dover Township, c

0632 WPLM 99.1 MA Plymouth, ID, talk

0642 WHCN 105.9 CT Hartford, rp

16 Tr/Trs

0959 WWEC 88.3 PA Elizabethtown, ID, BBC news

1053 WSHH 99.7 PA Pittsburgh, ad for McMurray

FROM POTTSTOWN, PENNSYLVANIA:

20 GW/Tr

2115 WSP 99.7 PA Mount Carmel, ID, rm,

"Spy 99.7", new to the airwaves

2130 WVOR 100.5 NY Rochester, rm

21 Tr

0745 WEFX 95.9 CT Norwalk

24 Es

2010 - 2030 lots of S. Florida relogs, 88.9 to 105.9

2014 WBTO 98.3 FL Goulds, Spanish

2016 WGYL 93.7 FL Vero beach, m

25 Es

0915 CBNC 88.7 NF Stephenville, CBC radio

0920 CKOZ 92.3 NF Cornerbrook, rp, Oz-FM  
ads for Newfoundland

June 27 Tr

1130 WZMX 93.7 CT Hartford, rm

1135 WKCI 101.3 CT New Haven/Hamden

1137 WPDH 101.5 NY Poughkeepsie

28 GW/Tr

0734 WBHI 97.1 PA Mountaintop, Hot 97, ads

28 Es

1307 KPEI 90.1 TX Houston, calls

1310 to 1333, Mobile, AL relogs 88.1 to 94.9

1331 WKSM 99.5 FL Ft. Walton Beach/Pensacola ad

30 Trs

0030 WGRG 101.7 NY Owego, r, ID

0050 WBBS 104.7 NY Fulton, k, "B 104.7"

JULY 1993 DX

1 Es

1400 KBAU 94.3 LA Galliano, k, ID

1410 WBBN 95.9 MS Taylorsville

1422 WOKK 97.1 MS Meridian

1425 WJMIT 99.7 MS Jackson, s

5 Tr

0950 WSPK 104.7 NY Poughkeepsie, r

1032 WJEF 90.5 NY Jeffersonville, c, pledge drive

1105 WCBA 98.7 NY Coming, rm, 98.7 CBA FM

1315 WKFM 104.3 NY Utica, rp

6 Tr

0655 WAMC 90.3 NY Albany, c

0715 WXTK 94.9 MA W. Yarmouth, t

0720 WRCN 103.9 NY Riverhead, rp

0730 WBW 106.5 CT Ledyard, rm

2111 WLZW 98.7 NY Utica, "Light 98.7 WLZW"

7 Tr

1100 CJBC 95.5 ON Belleville, FF

8 Tr

0002 CFLY 98.3 ON Kingston, Canadian oldies

0024 WSQC 90.9 NY Ithaca, c, ID w/WSKG 89.3

0104 WSEN 92.1 NY Baldwinsville, oldies

ID with 1050 AM

14 Trs

1242 CFMK 96.3 ON Kingston, k, weather in

Celsius, "Country FM"

29 Tr

1215 WKXZ 93.9 NY Norwich, rm, Central NY ad

Hello DXers! I've moved again. I'm in North Coventry, PA (Pottstown post office). This time I'm about 15 miles north of my previous location of Exton, PA. I'm about 25 miles NW of Philadelphia. I'm further away from the Roxborough transmission towers. The DX location I'm in is good. I'm on the north slope of a hill facing the town of Pottstown. DX to the south is pretty poor. Picking up Virginia is a rarity now. On the plus side, DX to the north is quite good. I've received several Canadian FM's here, some new, in only a month. Some fair amount of FM Es this year, but the openings have been very short lived (a lot of people have been noticing that about this year's openings-gc). What ever happened to all day skip openings? Ocean City MD's WKHI 99.9 is now on 95.9. WWTR gone, 99.9 is now country, WWFG "Froggy". Shamokin PA's Spy 95 (95.3) reappears on 99.7 as "Spy 99.7" and 95.3 is now "Whistle", WSL, with rock.

See ya, Dan O.

FM 90.9 92.9 96.9 98.9 100.9 102.9 104.9 106.9 108.9  
AM 55 65 80 100 120 140 160

**WJYR FM 92**

## NORTHERN FM DX

SEPTEMBER 1993

FRANK MERRILL - P.O. BOX 669 -MACOMB, ILLINOIS 61455

Equipment: same as usual

## DECEMBER 1992 DX

1 Tr 0907 WMQT 107.5 MI Ishpeming 450  
 0930 WPEF 90.5 MI Sturgeon Bay over WNIJ,wx, program announcements 330  
 0947 WIMK 93.1 MI Iron Mountain 400  
 13 Tr 1802 KKTZ 107.5 AR Mountain Home 360  
 2323 KURB 98.5 AR Little Rock 420  
 poor Tr on FM, but "raging" on UHF

## FEBRUARY 1993 DX

7 Tr/GW 0200 WYDS 93.1 IL Decatur, D93,k/legal 100  
 MARCH 1993 DX  
 26 Tr 1939 KWNG 105.9 MN Red Wing, K-wing 310  
 27 Tr 2250 WOJB 88.9 WI Hayward, end of  
 program, calls, 800-776-2689, that  
 had been my most wanted FM. 370  
 THIS IS IT, up to the end of MAY!!

JIM RENFREW - 61 WILCOX ST. - ROCHESTER, NEW YORK 14607-3832

(716) 461-2717 (h), (716) 494-1847 (Tu/Th), JVC auto radio, all times EDT. Distances are from Fred.

## JUNE 1993 DX

10 GW and Tr

1100 WBTF 101.7 NY Attica, new calls not noted,  
 just non-IDs. (There was a mistake, Jim, Attica  
 is still WBTF, WJER is in Dover, Ohio-gc)  
 1115 {WBBS}104.7 NY Fulton, new k format, and  
 many non-IDs  
 1120 {WKFM}104.3 NY Utica, lots of non-unids  
 (Jim, note they have finally gotten their new calls-gc)  
 1130 WBBG 93.3 OH Youngstown, probably the  
 one with brief ad for Ohio Edison  
 11 Es (MUF 101.9, possibly 104.9)

1116 KEBC 94.7 OK Oklahoma City, lots of  
 IDs, country, and local ads 1116  
 1124 KLAK 97.5 OK Durant, ads for Sherman TX  
 local weather report, verified 1196  
 1140 KYKC 100.1 OK Byng, Id, ads for Ada (BY  
 says this one is a CP) (I verified them from this  
 opening, Jim, they say they are brand new-gc) 1178  
 1151 KTXR 100.1 OK Ponca City, popped in over  
 KYKC with temperature "In Ponca City" 1125  
 1214 KEBC 94.7 OK Okalhoma City, again 1116  
 1233 KSEC 93.3 CO Lamar, strong for 25 min.  
 with many KLMR/KSEC/KC93 IDs, local ads  
 New STATE #26! No other Es at this time.  
 Verified (darn, I knew I should have written  
 them, I heard them at the same time-gc) 1359  
 June 15 TrS & Es (MUF 91.9)

0927 WJCH 91.9 IL Joliet, presumed to be this  
 with Family Radio // WFRW, brief burst 548

## JULY 1993 DX

1 Es (MUF 107.3)  
 1323 WPCV 97.5 FL Winterhaven, tentative  
 with country, previously logged 1070  
 1329 WYFO 91.9 FL Lakeland, same prayer  
 requests as 6/15, IDed as WYFO at 1359, with  
 gospel music QRM. 1071  
 1331 WWRM 107.3 FL St.Petersburg, Warm 107  
 with continuous relaxing favorites, 1099  
 1334 WMNF 88.5 FL Tampa, Cuban jazz and  
 mention of Tampa Stadium 1084  
 1334 WSORT 90.9 FL Naples, with religion 1199  
 1335 WMCU 89.7 FL Miami, talk about Epcot  
 Center, then "WMCU, your radio" with WITR  
 off at the time, Es drops below channel 6 1209  
 1405 WDDQ 92.1 GA Adel, Tourist tape  
 loop, Exit 10, locals ads, ID 889  
 1408 WML 104.9 FL Havana, Weather for  
 Tallahassee, N. FL and S. GA. Mellow 105 943  
 1410 WTUF 106.3 GA Boston, ad for John McGee  
 Auto in Thomasville, popped in u/CJBC 919  
 1412 WGWD 93.3 FL Gretna, ad with  
 Quincy address, fighting through WWSE 942  
 1416 WJAD 97.3 GA Bainbridge, mention of  
 Albany minor league BB, poor u/WYXL 929

## JULY 1993 DX

2 TrS  
 1308 CBF 9 91.9 PQ Mont Laurier, parallel  
 to CJBC 860 AM Toronto 257  
 1323 WKMZ 97.5 WV Martinsville, blew in over  
 WCIZ with ad for Berryville, VA. Is this WQBE  
 now? (No, WQBE is in Charleston, WV. on 97.5!  
 Are those the calls you heard!-gc) 255  
 1338 CITEt 107.3 PQ Montreal, probably this  
 one with French announcer for almost a minute  
 in over WRCK. 258

I hit a golf ball to the exact same spot from two different  
 tees today, and then all my TrS reception were less than  
 three miles apart. Maybe I should have played the lottery  
 today? (Jim, if that happens, buy one for each of us,hi  
 6 Es

1247 WQUE 93.3 LA New Orleans, ads, alls  
 1251 {KLEB}94.3 LA Galliano, catfish festival  
 Terrebonne Health Center, 94 Country non ID



**STATION NEWS:** In West Palm Beach, Fla. 92.1 is now WRLX. They use the slogan 'Relax 92.1'. In San Angelo, 92.9 is now KDCD. They are CD country also, presumably the satellite service. WNCQ 102.9 Morristown, NY (near Brockville, Ontario, in the "North Country" region of NY) is on the air with country. They relay 1410 AM WNCQ in Watertown. "They are Big Q Country", just like the old WNCQ 97.5 Watertown, but probably with a lot less coverage than that 100kw station, hi. WMHR 102.9 in Syracuse, a religious station, now has a translator on 88.7 in Dansville, N.Y. KDJS 95.3 in Wilmer, Minnesota is now on the air. In Connecticut, testing has been heard on 103.3 that is quite likely the new Sharon, CT testing. So look for that one to come on shortly. A widely heard change this season is 91.5 Ft. Myers, now WJYO, "Joy FM", and running parallel to WJIS 88.1 Bradenton, another widely heard station. I don't know if they are always parallel though. In that same neck of the woods, WCMQ 92.3 Hialeah, and WZMQ 103.9 Key Largo are no longer simulcasting, they have separate programming now. KZEB 95.5 Pleasant Hope, Missouri is on the air with classic hits for Springfield. Slogans of "B95" and "The B" have been heard. 104.5 in Indianapolis has indeed received its new calls of WGRL. They are now country and "The Bear". Detroit's 99.5 is now WYCD, to go along with its "Young Country" format. CHYR 96.7 Leamington was heard on the air, with country. WRED Gibsonburg-Toledo is now using the slogan "Toledo's Hit Country Y 95.7". Still WRED though. WRVC 93.7 Ashland, KY has gone oldies. WBVI 96.7 Fostoria, Ohio is now using the slogan "Mellow Mix 96.7". Decatur, IN has moved from 92.7 to 105.1. They are now WQHK-FM, "K105" and country music, serving Ft. Wayne. Two other recent additions to that market are WGL-FM 94.1 Roanoke, IN (talk), and WFWI 92.3 Ft. Wayne (a/c). 104.9 in Muncie is now WERK-FM, and oldies, which sounded satellite fed. Nearby WAXT 96.7 Alexandria is using the slogan "The Frog" and is country. WJAA 96.3 Austin/Seymour, Ind. is on with classic rock. WKMO 106.3 Hodgenville, Ky. was heard using the slogan "KMO country". WASE 105.5 Ft. Knox, Ky is "Oldies 105.5". WHIC 94.3 Hardinsburg, Ky. is now 50Kw according to a billboard (and they do get out well). They are country and use the slogan "Power 94.3". WMQQ 102.7 Springfield, Ky. was heard using the slogan Q-102.7 and was playing oldies. WKYR Burkesville, KY is now 107.9, and country. They don't say much though, lots of dead segues! WKNK 99.1

Edmonton, Ky. is on, with a slogan of "Kickin' Country 99.1" heard. WCKQ 104.1 Campbellsville, KY is on the air: "Q104, Central Kentucky's best music mix", and a/c, not to be confused with "Q105, Central KY's best music mix", which is WWWQ Glasgow 105.3, and top 40. KGMO 100.7 Cape Girardeau is "Oldies 100". WRTB 106.5 Washington, Ind. was heard using "Bullet 106.5". They were "Real Country", satellite delivered I believe. KFFB 106.1 Fairfield Bay, Ark. is on the air. They had what sounded like traditional or gospel country music, but it was a Sunday morning, so that may not be their regular format. WHHM 107.7 Henderson/Jackson, Tenn. is on with country. 93.9 in Selmer, Tenn. was also on the air. WNBE 93.1 Alamo-Jackson, Tn. was running religion, and was "Good News 93" so I assume that is their regular format. Millington, Tenn. calls are now WYKL (98.1). They are "Cool 98" and are oldies serving Memphis. KHLS 96.3 in Blytheville, Ark. is using the slogan "96 Country". KJBR 101.9 Jonesboro, Ark. is still those calls, but is now "101.9 Kiss FM" and an adult based CHR or hot a/c. In Northeast Arkansas, a "Kickin' 107" was heard on 106.7, so perhaps Truman, Arkansas is on the air. KWYN 92.5 Wynne, Ark. was heard playing oldies. WRNZ 105.1 Lancaster, Ky. IDed with Harrodsburg and is oldies. WKYL 102.1 Lawrenceburg, Ky. is on the air with an a/c format, no non-ID. This is in the Lexington-Frankfort area. WQTL 106.3 Ottawa, Ohio is using "Classic Hits 106". WDOH 107.1 Delphos, Ohio is country and "Winning 107". WBNL 107.1 Booneville, Ind. is adult standards and nostalgia, and in mono. WDHM 97.9 Salem, Ind. is on with mono religion. WEHR 105.1 Shepherdsville is on, with an upbeat a/c format "hits without the hype" 106.1 Newburgh, Ind. (Evansville) is now WJPS-FM and oldies. 99.9 Kettering-Dayton is no longer WVUD, now they are WLQT, Lite 100. WPKO Bellefontaine, Ohio used the slogan "Lite Mix 98.3". 93.1 Lima is "Froggy 93" and satellite country. Calls sounded like WMRY or something, they were said too fast! 103.3 WFXF Indianapolis is no longer the Fox, now "The X", and still hard rock. WKKO 99.9 Toledo is now simulcasting with WTOD-AM. 103.9 in Louisville, Ky. is now WHKW "The Hawk" and SMN Hot Country. WTXF 100.5 Louisville is on the air as "The Fox", and album rock. Note the calls on 95.1 Glasgow, Ky are WGGC, not WPRX. 103.7 WBLN Murray, KY used "The Blend B103". Thanks Matt Sittel, George Greene, Bruce Hall, Saul Chernos, Dave Nieman, Tim Noonan, Jeff Falconer, Doug Smith, Morris Sorensen, John Ebeling, Bill Nienajadly, and Mike Bugaj!

**STATION NEWS:** 98.9 in the Austin, TX area (Lampassas) has changed from oldies to a Z-Rock affiliate. It's new calls are KUTZ. KDST 99.3 in Dyersville, Iowa is SMN Real Country. In San Antonio, KSMG 105.3 Seguin goes to adult contemporary. In New York City, WYNY 103.5 is remaining with it's country format, but it has a new slogan: "Y 103.5 today's country hits". WCSE 97.5 in Bridgeman, Michigan is on the air with as and "Cosy 97.5". In Virignia, WSVS 104.7 Crewe changes call letters to WKIK-FM. They remain country, but now are trying more to get into the Richmond market. Their new slogan is "The Bear". Another slogan change, this time in South Florida, as 106.7 Ft.Lauderdale becomes "Tropics 106.7". New calls are WTPX, and the format is soft adult contemporary. 94.3 in Lawtown, Okla. is KQI no more, the are now KZCD, and "CD country", joining that satellite country service. In Biloxi, Miss., 96.7 now has the calls WXRG. They are classic rock and have the slogan "Rock 96.7". WFSP 107.7 in Kingwood, West Virginia is on the air now, with a "Sunny 107.7" slogan, and r\$. WBZW in Loudonville, Ohio, same frequency, switched to a/c a short time ago after being new age jazz since their sign on. Well now they have changed again: to oldies, and "Oldies 107". WQZS 93.3 in Myersdale, PA is new to the air. They are album rock and use the slogan "QZ93". CBC has been testing on the air on 94.3 for its new English mono service. Conflicting reports have the city of license either Huntsville or Rousseau, although those two cities are not that far apart. This ties

in with more changes that are targeted to take place on September 1st. CBCO 105.9 Orillia is to move to 91.5. 105.9 will be taken over by CFOR, which is currently on AM 1570. It is not clear whether they will just use CBC's old equipment or a higher powered setup. Due to the increased coverage with the 91.5, and the 94.3, CBCM 107.5 in Midland/Penetanguishene is expected to be shut down. WJLF 91.7 in Gainesville, Fla. is on the air, with religion in stereo, and "Love 91". Somewhat of a breakup in Central Pennsylvania, as the WSPI calls previously on 95.3 Shamokin now have shown up on 99.7 Mount Carmel (previously silent). Shamokin now has the calls WISL. Germantown, Tenn.'s 94.3 has moved to 94.1, and upgraded to serve Memphis. New calls are WOGY, with a "Froggy" slogan and country music format. Do not confuse this with the Ripley, TN CP shown in the FM Atlas. I am not sure about the status of that CP, but I would speculate, being so close to Germantown, that they better go find a new frequency! WCMM 94.7 Gulliver, Michigan is also new to the air. They play country music, and their calls stand for "Country Music Machine". 102.3 Big Rapids, MI now has the calls WPSX (same as ch3 Clearfield, PA?). They are oldies, with the slogan "Power 102.3 FM". Another station noted new to the air is 104.5 Saginaw, Mich. Calls are listed as WUVE-FM. They were heard running parallel to WBTZ 100.9 Piconning, Michigan, which I believe is hard album rock? Slogan last I heard was "The Blitz".

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GREG CONIGLIO - 5100 GLENWOOD DRIVE - WILLIAMSVILLE, NEW YORK 14221

Equipment: Pioneer TX9100 tuner and/or Carver TX-11 tuner, Stereo Probe 9 FM antenna @ ~ 25' AGL, 9 element Jerrald used with 2 capacitor in a box system, along with rabbit ears, for phasing purposes, CAC-11 and RG6 coax, Archerrotor.

JULY 1993 DX

6 Es

1200	KCFR	90.1	CO Denver, c\$, legal ID	1389
1203	KBPJ	105.9	CO Denver, legal ID, album r\$	1384
1206	KIJN	92.3	TX Farwell, wx, calls, g\$	1417
1209	KQIZ	93.1	TX Amarillo, All Hit Z93	1344
1215	KMML	98.7	TX Amarillo, calls, country	1351
1216	KSID	98.7	NE Sidney, m\$, same muffled audio as in 1991, Cheyenne Co. mentions	1258
1219	KTCL	93.3	CO Fort Collins, modern rock\$	1370
1220	KEYE	95.9	TX Perryton, legal ID? Each time I have heard them they have given a legal ID!	1261
1226	KUAD	99.1	CO Winsdor, country\$, K99	1349
1230	KKBS	92.7	OK Guymon, local ads ph/CJBX	1286
1234	KEXX	106.7	KS Hugoton, "America's best Mx" and country, format change for them	1263
1241	WKDD	96.5	OH Akron, in strong, rarely heard of WQMF & WCQA: perhaps this is backscatter?	191

July 6 Es continued

1250	WMXZ	95.7	LA New Orleans, Mix 95.7	1098
1255	KBLJ	92.1	CO La Junta, SE CO wx, calls	1352
1500	KWWR	95.7	MO Mexico, Country 96, \$	737
1501	KOEZ	92.3	KS Newton, calls, b\$	1037
1501	KOSU	91.7	KO Stillwater, ID, hi Danny	1091
1501	KCMA	92.1	OK Broken Arrow, legal ID boy that was a productive minute therel	1036
1503	KXLS	99.7	OK Alva, weather 4cast	1125
1505	KZEB	95.5	MO Pleasant Hope, new station on for Springfield market, classic hits\$, "The B"	858
1510	KGLI	95.5	IA Sioux City, KG95, top 40\$, how'd this one get in here??, in for awhile too	899
1511	[KIBN]	90.7	KS Wichita, g\$, calls, ex: KZZD 1041	
1512	KEYN	103.7	KS Wichita, Oldies 104 KEYN \$	1048
1512	KCMO	94.9	MO Kansas City, c\$, ph/CJGE	870
1521	KNEN	94.7	NE Norfolk, ads	965
1524	KJCK	94.5	KS Junction City, Power 94.5, ads wx, r\$, over phased 100kW local WNED rare!	985

## JULY 1993 DX

## 6th Es cont.

1534 **KIIS** 92.7 KS Minneapolis, new to air, many Salina area ads, verified them 1026  
**1545 KMZA** 92.1 KS Seneca, "Kansaland Radio" and nearby ads, this must be new to the air 927  
**1546 KREP** 92.1 KS Belleville, local ads incl. 150th celebration for town of Cuba, mixing w/KMZA 1006  
**1640 KCGM** 95.7 MT Scobey, calls heard, same lousy audio that I heard way back in 1988! 1335  
 OHNO, I have to leave for work! Able to DX in car, plus left tape running on 92.1.....  
**1645 KGGG** 100.3 SD Rapid City, Hit 100 FM 1228  
 KKKM 93.9 SD Rapid City, a/c music 1227  
 to **KSQY** 95.1 SD Deadwood, AOR 1255  
 CITI 92.1 MB Winnipeg, 92 Citi FM, strong! 1000  
 CBWV 97.9 MB Brandon, CBC mono EE 1118  
 KPSD 97.1 SD Faith, S.D.P.R. 1175  
**1700 KQSD** 91.9 SD Lowry, S.D.P.R. 1064  
 KLOP 92.1 MN Madison, on tape! 881

## 7 Tr

**2120 WOLN** 91.3 NY Olean, finally! // **WBFO** 88.7 local WBNY Buffalo off, but WOLN Erie is major pest 67

## 8 Es

0940 **WXFX** 95.1 AL Prattville, The Fox 839  
 0943 **WQVE** 93.3 LA New Orleans, Q93 traffic 1097  
**0944 (KLEB)** 94.3 LA Galiano, 94 Ctry, ex KBAU 1132  
**0950 WHER** 103.7 MS Hattiesburg, Eagle 103, k\$ 976  
**0954 WUSD** 97.9 MS Wiggins, k\$, US98 1018  
**0957 WPAP** 92.5 FL Panama City, k\$ 942  
**0958 WSLYT** 104.9 AL York, believe it is them simulcasting WALT 910 Meridian, "T91" on this freq 896  
**0957 KCIL** 107.5 LA Houma, C107 news 1148  
**1003 WCKW** 92.3 LA Laplace, Stevens & Puett 1119  
**1030 WMXZ** 95.7 LA New Orleans, ES PEST! 1098

First of all, a big thanks to Doug Smith and Tom Bryant for hosting a wonderful convention!!! It was very well done, a feat that must be more difficult than it appears! I enjoyed the location (beautiful downtown view, surprising DXability for that spot too), the Saturday evening banquet, and meeting everybody. I think the total was in the upper 30s, the most I have ever seen at a WTFDA convention. And of course, a big thanks to Doug and Tom for ordering that super Sunday morning tropo, that really hit the spot, hi. It was quite shocking to turn on Matt Sittel's car radio only to hear KEGL 97.1 (Fort Worth, TX) blasting in! And KCWS 102.7 Merkel-Abilene, TX later that morning, and channel 60 San Antonio?!? Very nice! I am looking forward to attending next year's show, wherever it may be. Thanks again! I am really glad to have been there to witness that tropo, because there has been nothing at all tropewise here since mid-June! Even typical summer morning enhancement to Toledo, Detroit, Cleveland, Syracuse/Utica, etc. has been way off. The narrow Owensboro-Evansville duct on July 21 (Thank you WJYE 96.1 for being off! Suspect it was for installation of new W69CS Buffalo, a Jukebox station, on their Rand Building Tower), although being very nice, was the only thing of note at all! The weather has been conducive to tropo too-we had one stagnant period that lasted over a week, with no fronts or rain, just hot sticky weather (lower 90s/upper 80s, high humidity). Perfect trop weather, but nothing at all! On the other hand, May and June were cooler and rainier, and less stable, but more trop?!! Skipwise, July was decent, though the latter half really slacked off, as it often does. In early August there remains signs that the season is not over yet. Overall for me, a decent skip year, many openings, and some of very good signal strength, but not very long lived. They would really get going, and then not long afterward, just fizzle out. I see other reports of strange reception on the day of my June 16th Mexico double hop, and that is just hours before KATU-2 was seen in Japan (reported to us in Mike Cherry's August WTVDX report)!! Thanks Matt Sittel, Dave Nieman, Saul Chernos, dBruce Hall, and Richard Contone for sending in logos!

73, Greg

## July 12 Es

**2104 KDOM** 94.3 MN Windom, ads 828  
**21 Tr-with Buffalo** 93.7-96.1-106.5 off! 828  
 0047 (WBCT) 93.7 MI Grand Rapids, k\$, B93, Berry Co. fair ment, weak but consistent, ex WJFM 348  
**0053 WHNN** 96.1 MI Bay City, strong, Oldies 96 255  
**0106 WSTO** 96.1 KY Owensboro, T40\$, 96-STO, ID w/Evansville, Herndon, oohl a nice duct with a local off the air! Visited them on way back from WTFDA in Nashville, a friendly station tool 572  
**0145 WYNG** 105.3 IN Evansville, calls, k\$ 582  
**0152 WSHW** 99.7 IN Frankfort, Shine 99 436  
 Nothing else unusual in at all! Believe me, I checked!

## 22 Tr

**0024 WLEV** 96.1 PA Easton, a/c, calls 235  
 Same stuff as night before, minus the KY/IN, hi. Also on 93.7 was **WCIO** Mt.Vernon, Oh. **WBZZ** Pittsburgh, **WDLS** Dallas Pa., and **WSTW** Wilmington, Del. On 96.1 also **CBCN** North Bay, **WFRG** Rome/Utica, **WVTY** Pittsburgh. On 106.5 heard **WHLM** Bloomsburg, PA and **WLTF** Cleveland.  
**1800 CB-** 94.3 ON Huntsville/Rosseau, new **CBC** English Mono network on the air // **740 AM** 16530 Es  
**1900 WOVV** 95.5 FL Ft.Pierce, fake legal ID 1098  
**WLRL** 99.3 FL Cocoa, Marlins BB game 1022  
**1928 WCTQ** 92.1 FL Venice, Q92, k\$ 1116

## AUGUST 1993 DX

## 4 Es

**1459 KERA** 90.1 TX Dallas,local wx\$ 1224

## 4 Trs

**2250 CHYR** 96.7 ON Leamington, noted on with country over ph/CHYM. Calls heard 210

IDAHO'S  
**MAGIC 93.1**  
 KZMG FM



# VHF/UHF UTILITY DX

WEATHER - AIR - MARINE - PSB



BILL HEPBURN - 35 LOCKWOOD RD - BRAMPTON ON - L6Y 4T7

Deadline for Nov column: Oct 10

This month.. plenty of DX loggings! PSB from the former Soviet Union! And AIR band DX tips!

But First.. DX reports..

## LOGGINGS

HANK HOLBROOK - 407 ARUNDEL RD - FAIR HAVEN CLIFFS - DUNKIRK MD - 20754

Rcvr: Sony AIR-8 Ant: ANT-8 whip

+ = initial CQ on 156.8

MAY 1993 (EDT)

1 TR 0635 KRNJ 156.4 + NJ New Jersey Coast 180 SHIP SealandQuality  
(50 mi S of Ambrose Lt NY)  
(see note # 1)

JUNE 1993

14	TR	0720	NMY-15	157.1	+	CT NEW HAVEN	295	USCG Long Isld Snd
		0812	NMY-42	157.1	+	NY MORICHES	260	USCG
		0832	NMF-2	157.1	+	MA WOODS HOLE	370	USCG
		0835	N -	157.1	+	PA PHILADELPHIA	110	USCG
		0836	NMY-52	156.8	156.8	NJ HIGHLANDS	185	USCG Sandy Hook
25	TR	....	NMY-25	156.8	156.8	NY FIRE ISLAND	230	USCG
		....	WHU-710	156.8	156.8	NJ Central N.J.		COAST Sea Tow

JULY 1993

7 TR .... NMN-80 157.1 + VA HAMPTON ROADS 105 USCG

Note # 1 - Most distant ship on VHF. Type of vessel - Container. 25 watts.

Good DX with fair to good signals. Powers generally 50 to 65 watts. USCG Philadelphia was strong. It's heard often at 1235 UTC. Sea Tow was calling a ship in distress.

\*\* NEW REPORTER \*\*

BILL NIENAJADLY KF2OK - PO BOX 2999 - CLIFTON NJ - 07015

Rcvr: (Home) PRO-37 w/whip. (Work) Cobra SR-900 w/whip.

Recent ES on scanner was 42.12 Jefferson Co MD (MD State Pol ?). In fact, 42.12 is the #2 most rcvd here..over 15-20 times this season alone. 33.94 is #1 with being heard 20+ times this season. Sorry about the lack of call letters, I think 33.94 is FL. (Some FL Fire Depts are listed on 33.94, BH). Other freqs are 42.14, 42.16, 33.70 + about 25 others.

I've found the scanner a valuable "E-Skip Detector". At times at work I've found that when you start hearing 33.94, then 1/2 hr later 42.12, check the FM band; or better yet when you start hearing the lower powered police cars along with the base station; you know it's on FM or it should be. (Or at least TV, BH)

About NWS; my local is KWD-35 162.55 & its relay 162.475 is heard weakly (normally) from RIVERHEAD NY. I will get 162.475 from KINGSTON NY occasionally though. 162.40 from ATLANTIC CITY NJ (106 mi) is a common trop station.

GOODXING, Bill N.

(Thanks for the intro to your Scanner DX setup Bill. On days when skip is slow (i.e.-not reaching TV or FM) - you may want to jot down some or your loggings & send them in. Trops would be interesting too. I may be able to help out with most of the call letters. I'm looking forward to seeing your future DX reports!, BH)

\*\* ANOTHER NEW REPORTER \*\* 

A.P. McQUEARY - 1901 RD B - REDWOOD VALLEY CA - 95470

Rcvr: Realistic PRO-43 w/whip.

LOCAL RECEPTION IN UKRAINE & RUSSIA..

MARCH/APRIL 1993

UKRAINE

34.05	NFM	UKR KIEV	unid
41.4	NFM	UKR UMAN	POL Soviet Police
49.875	AM	UKR UMAN	CPOH Toy Walkie-Talkies
126.8	AM	UKR KIEV	AWOS Kiev Airport
132.6	AM	UKR UMAN	AIR Uman Military Airport
149.90	NFM	UKR KIEV	MOBL Cellular Telephone Rptr
153.10	NFM	UKR KIEV	MANUF Factory
156.625	NFM	UKR ODESSA vcnty	SHIP
168.075	AM	UKR KIEV	TRANSIT Kiev Subway
460.0175	NFM	UKR UMAN	MIL Army Telephone

RUSSIA

118.9 AM RUS MOSCOW AIR Moscow AIC

Perhaps I am the first person to sneak a scanner into the (former) U.S.S.R. I do have to admit, I was nervous and worried about passing through customs.

While on my way to Kiev out of Newark, I met an agent from Copenhagen who worked for Hershey Chocolate Inc. I asked him if they had VHF/UHF receivers in his country, he told me that they do. I then explained to him I was attempting to sneak a Police Scanner into the former "USSR"! The gentleman quickly gave me some good advice. "Tell them, it's your portable cellular. They may take it if they don't believe you, or they might make you pay a duty. I would try to convince the officer that it is a cellular".

The plane landed in Kiev. I started to sweat, I didn't know what to expect. What would they do? Drag me off into a back room and interrogate me? Or would they confiscate my beloved PRO-43? To my surprise, they said nothing and asked nothing. The customs department simply X-rayed my luggage, and asked me if I had any gold or weapons. After my short conservation with the officer, I entered the C.I.S. with my scanner and all!!

(Quite an adventure, Albert! You must have been sweating buckets! By the way, from your description of what you heard on 41.4 MHz (break & enter, robbery, etc).. this would sound more like the local police rather than the "Soviet Police", which, I assume, no longer exist.

Interesting stuff!, BH)

BRIAN WEBB - 3329 SILVER SPUR CT - THOUSAND OAKS CA - 91360-1041  
805-492-4263

Rcvr: Realistic PRO-2006 & PRO-2024  
Ant: 30 MHz h-dipole & 35 MHz sloping dipole

## FEBRUARY 1993 (PST)

27 F2 0957	KCB-979	33.90	CT NORWICH	2568 FIRE
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## MARCH 1993

1 F2 1229	KGB-313	33.38	PA W BROWNSVILLE	2162 PETRO Columbia Gas
4 F2 1008	KCB-460	37.58	NH CONCORD	2590 UTE ConcordElectric
8 F2 1037	KII-797	44.22	FL MIAMI	2356 TRANSPT Commercial
15 F2 1203	Lone Wolf	32.40	USA ?	MIL Army
25 F2 1020	Force Ctl	30.40	USA ?	MIL
(aka Enforcement Ctl)				
29 F2 1025	KPE-333	35.50	MD or VA	PAG
30 F2 1142	SnakeBite	45.30	USA ?	MIL

## JUNE 1993 (PDT)

8 ES 0952	KPA-355	35.24	TX NEW BRAUNFELS or SAN ANTONIO	PAG American Mobph
9 ES 0852	KNDY-674	33.30	NE HEARTWELL	1186 PETRO Natural Gas
1042	KKL-869	49.58	TX SAN ANGELO	1081 IND Pool Company
24 ES 1051	KKD-558	33.30	OK GRAY	1025 PETRO Natural Gas

## JULY 1993

4 ES 1303 ?	44.80	NM SANTA FE	730 CONSRV NM Fish/Game
(calls KNAS-415 or KUE-717)			

WILLIAM R HEPBURN - 35 LOCKWOOD RD - BRAMPTON ON - L6Y 4T7 (EDT)

Rcvr: Realistic PRO-2004  
Ant: v-dipole in attic

## MAY 1993

6 GW ....	XMJ-330	162.55	ON KITCHENER-WATERLOO	33 WX Xmtr @ Cambridge
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## JULY 1993

7 TR 0733	CYQQ	134.5	ON WINDSOR	188 ATIS
0752	XMJ-838	162.475	ON WINDSOR	193 WX
18 TR 0747	XLN-600	162.40	ON MOUNT FOREST	57 WX Xmtr @ Kenilworth (// XMJ-330 162.55)

## TIPS FOR AVIATION BAND DXING

The UHF & UHF Aeronautical Bands present an especially challenging & unique form of DX for a number of reasons. Many DXers are disappointed in first attempts at DXing this band -- when some stations only 20 or 30 miles away may be difficult to receive. However..good DX can be had -- but you have to work hard at it.

If you think of how this band is used -- the reason behind all this becomes quite clear. The primary users, of course, are aircraft usually flying at 5.10..all the way up to 40000 ft. Now at 40000 ft., line of sight extends out to 265 miles! In order to serve a 40-100 mile radius of an airport, aeronautical ground stations require very little power. Most stations use only between 5 and 25 watts -- with 100 watts used by many of the longer-range enroute Navigation Aids with weather broadcasts.

UHF/UHF UTILITY DX

This month we have news on numerous new Weather broadcast stations that have recently hit the airwaves -- most of them AWOS stations (Automated Weather Observation Stations). More and more of these computer-accented robot stations are being installed at smaller airports everywhere. Expect to see some of these stations to start up in Canada in the next couple of years as well.

## WEATHER RADIO

### NEW STATIONS

XMJ-330 162.55 ON KITCHENER/WATERLOO (now on air!)  
 XLN-500 162.40 ON MOUNT FOREST (KENILWORTH) (// XMJ-330 Kitchener)

## MARINE

### NEW STATIONS

162.40 BC NOOTKA (CMB // VAE 161.65 Tofino)

### CHANGES

XLK-895 162.475 BC NADEN HARBOUR (CMB, VAJ Prince Rupert, ex-162.40)

## AERONAUTICAL (AM mode)

### NEW STATIONS

PAMHM 135.55 AK MINCHUMINA - AWOS  
 KHII 119.025 AZ LAKE HAVASU CITY - AWOS  
 (// HII 364 kHz)

KCEC 133.875 CA CRESCENT CITY - AWOS

KAPF 134.225 FL NAPLES - ATIS

PHSF 142.95 HI CAMP POHAKULA - BRADSHAW ATIS

PHNL 279.4 HI HONOLULU - ATIS (//127.9)

KDNV 119.275 IL DANVILLE - AWOS

K1H2 118.375 IL EFFINGHAM - AWOS

KAXA 125.525 IA ALGONA - AWOS

KAIO 127.825 IA ATLANTIC - AWOS

KADU 125.525 IA ALGONA - AWOS

KCIN 119.775 IA CARROLL - AWOS

KCNC 125.525 IA CHARLTON - AWOS

KCCY 125.525 IA CHARLES CITY - AWOS

KICL 132.025 IA CLARINDA - AWOS

KCBF 126.575 IA COUNCIL BLUFFS - AWOS

KDEH 120.925 IA DECORAH - AWOS

KFFL 132.025 IA FAIRFIELD - AWOS

KK27 120.925 IA FORT MADISON - AWOS

KEOK 118.375 IA KEOKUK - AWOS

KOVS 119.775 IA KNOXVILLE - AWOS

KLJR 125.525 IA LE MARS - AWOS

KOLZ 119.675 IA OELWEIN - AWOS

KORC 127.825 IA ORANGE CITY - AWOS

KRDK 119.775 IA RED OAK - AWOS

KSHL 119.775 IA SHELDON - AWOS

KSLB 125.575 IA STORM LAKE - AWOS

KAWG 127.825 IA WASHINGTON - AWOS

KEBS 127.825 IA WEBSTER CITY - AWOS

KI26 128.175 KY HENDERSON - AWOS

KHVC 132.575 KY HOPKINSVILLE - AWOS

KFDK 124.875 MD FREDERICK - AWOS

KMSP 272.75 MN MINNEAPOLIS/ST PAUL - ATIS  
 (// 120.8, 135.35)

K4SD 135.175 NV RENO - STEAD AWOS

KBWP 127.875 ND WAHPETON - AWOS

KAXV 128.325 OH WAPAKONETA - AWOS

KPWA 132.75 OK OKLAHOMA CITY - WILEY POST ATIS

KOK78 134.175 OK WATONGA - AWOS

KWWR 118.425 OK WOODWARD - AWOS

KOAS 135.675 TN ELIZABETHTOWN - AWOS

KFYM 135.275 TN FAYETTEVILLE - AWOS

KLUG 135.775 TN LEWISBURG - AWOS

KSLC 127.525 UT SALT LAKE CITY - ATIS (Arrival)  
 KPBH 125.875 WI PHILLIPS - AWOS

### CHANGES

KGAD 127.825 AL GADSDEN - AWOS back in service  
 PAVD 118.8 AK VALDEZ - AWOS out of service UFN  
 KFLP 132.075 AR FLIPPIN - AWOS (ex-132.175)  
 BSY 117.1 FL BISCAYNE BAY - VOR out of service  
 UFN (MIAMI ATIS deleted, still on

### 119.15

KAPF 135.425 FL NAPLES - AWOS back in service  
 PHNL 127.9 HI HONOLULU - ATIS - delete 132.2  
 SWL 112.4 MD SNOW HILL - VOR  
 - delete NEW YORK Enroute-ATIS

ACK 116.2 MA NANTUCKET - VOR

- delete NEW YORK Enroute-ATIS

KESC 128.575 MI ESCANABA - AWOS (ex-132.175)

KBJI 119.275 MN BEMIDJI - AWOS (ex-121.375)

FGT 115.7 MN FARMINGTON - VOR/AWOS

(LAKEVILLE AWOS added)

KJHW 118.425 NY JAMESTOWN - AWOS

(ex-118.175)

PWA 113.4 OK OKLAHOMA CITY - VOR

- delete WILEY POST ATIS

KLBE 118.375 PA LATROBE - ATIS/AWOS

(ex-AWOS only)

(ATIS while tower open, AWOS when tower closed, WH)

PSB 115.5 PA PHILIPSBURG - VOR

- delete NEW YORK Enroute-ATIS

BKX 108.8 SD BROOKINGS - VOR/AWOS

(AWOS back in service)

LEM 111.4 SD LEMMON - VOR out of service UFN

RND 112.3 TX UNIVERSAL CITY - VOR/ATIS

(RANDOLPH ATIS)

added - on irregular basis only for student training //

271.8)

KVJI 128.125 VA AVINGDON - AWOS (ex-127.725)

### DELETIONS

HYA 114.7 MA HYANNIS - VOR

CYTS 125.4 ON TIMMINS - ATIS (never on air?)

# PHOTO-NEWS

MAILING ADDRESS:

PHOTO-NEWS

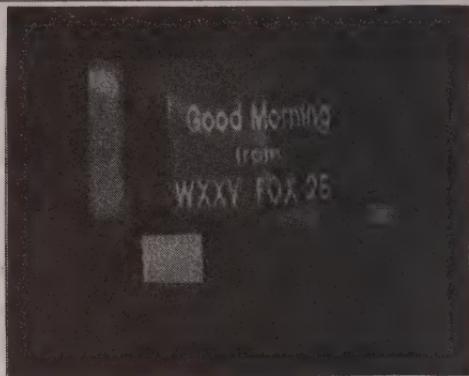
12284 Nice Road

Akron NY 14001-9529

SEPTEMBER 1993

Robert Delaney (KA9UVY) Mt. Vernon Illinois. Equipment: 1990 Zenith 13" color SS 1311W, Emerson 885 VCR. Antennas, UHF Archer U120 at 87' AGL with RDX Labs UA 900 preamp and RG-11 coax; VHF rotateable vertical dipole at 25' AGL for E-skip and Channel Master 3608 at 55' AGL. Camera, Pentax K-1000 loaded with Kodak Gold Plus 200 ASA film.

**WXXV-25**  
Gulfport Mississippi  
550 mile tropo  
seen September  
12, 1992  
at 0523 CST



**WTVJ-4**  
Miami Florida  
1007 mile E-skip  
seen May 13, 1993  
at 2000 CST



Thanks for  
the photos  
Robert.

NEW  
REPORTER



Richard  
Contone  
Jamaica  
New York

Equipment:  
VHF-UHF  
combo  
antenna  
and Vivitar  
DL-50  
camera.

**WPVI-6**  
Philadelphia  
Pennsylvania  
77 mile tropo  
seen June  
12, 1993  
at 2230 EDT



Rich's photos continues on page 2.

Richard Contone's photo file continued....

**WB0C-16**  
Salisbury  
Maryland

**170 mile tropo**  
seen June 12, 1993  
at 2230 EDT



Rich thanks for the photos; if you can change your cameras shutter speed to 1/30th of a second it should eliminate the black bar in your photos.

Rocky Robello-Pocatello Idaho. Equipment: RCA 35" color TV, Goldstar Hi-Fi VHS VCR, Radio Shack VU-90 antenna up 20 feet with rotator. Samsung AF Siisti camera loaded with Kodak Gold 200 film.

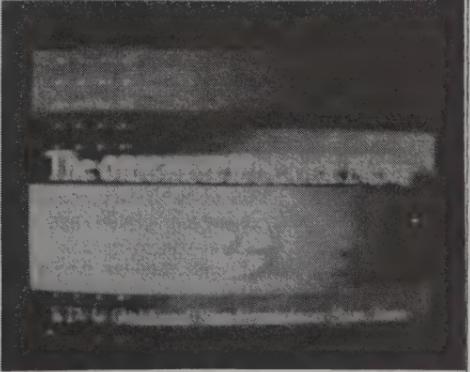
**KDFW-4**  
Dallas/  
Fort Worth  
Texas

**1050 mile E-skip**  
seen June 29, 1993  
from  
1948-2015 MDT



**KTVU-2**  
Oakland/  
San Francisco/  
San Jose  
California

**600 mile E-skip**  
seen June 29, 1993  
from  
2020-2031 MDT



Nice to hear from you again, Rocky.

Till next time, *DAVE*

# Distance Calculation by Computer

Several people asked at the convention how I calculate the distances to DX stations logged. The short answer is, by computer. The long answer is the program below...

```
5 KEY OFF:ON KEY(10) GOSUB 1000:KEY(10) ON
10 PI=3.14159265#:DR=PI/180
15 CLS:PRINT "DX Calculation Program; F10, then Enter when one."
20 DEF FNA(X)=INT(X*10+.5)/10
100 PRINT "Your location:";GOSUB 800
110 HN=N:IE=E
200 PRINT "DX station:";GOSUB 800
210 GOSUB 2000
220 PRINT "Distance=";FNA(DX),"mi.; Bearing=";FNA(AZ/DR);"\"
230 GOTO 200
800 INPUT " Latitude Deg., Min., Sec. (separate with commas)";T1,T2,T3
810 INPUT "                                         North or South";T$"
830 N=(T1+(T2/60)+(T3/3600))*DR
840 IF LEFT$(T$,1)="S" THEN N=-N
850 INPUT "Longitude Deg., Min., Sec. (separate with commas)";T1,T2,T3
860 INPUT "                                         East or West";T$"
870 E=(T1+(T2/60)+(T3/3600))*DR
880 IF LEFT$(T$,1)="W" THEN E=-E
890 RETURN
1000 END
2000 CO=COS(HE-HE)*COS(HN)*COS(N)+SIN(HN)*SIN(N)
2010 CA=ATN(ABS(SQR(1-CO*CO)/CO))
2020 IF CO<0 THEN CA=PI-CA
2030 DX=3952*CA
2040 SI=SIN(E-HE)*COS(N)*COS(HN)
2050 CO=SIN(N)*SIN(HN)*COS(CA)
2060 AZ=ATN(ABS(SI/CO))
2070 IF CO<0 THEN AZ=PI-AZ
2080 IF SI<0 THEN AZ=-AZ
2090 IF AZ<0 THEN AZ=AZ+2*PI
2100 RETURN
```

Lines 2040-2090 are required only to calculate the bearing; if you're only interested in distance, you can leave them out. (you'll then also need to modify line 220 appropriately) Also, if you want distances in kilometers, change the number in line 2030 from 3952 to 6367.

The "meat" of this program is the subroutine between lines 2000 and 2100. This can be used in other ways-- with a calculator, to manually calculate distance & bearing; for spreadsheet formulas or calculated fields in a database of FM/TV stations; or as a basis for converting the program to other computer languages. (or for making this BASIC program more "user-friendly"!) I've already written a Windows version of the program, and placed the formulas into a MS-Works spreadsheet.

If you've never used the BASIC in your IBM/compatible before, here's how to enter this program: First, you need to get a C:\> prompt. From Windows, go to the Main group and double-click on MS-DOS Prompt. If you aren't using Windows, you're on your own... Type GWBASIC and press Enter. A (mostly) black screen should come up. Type in the numbered

program lines as they appear above. When you've finished typing, press F2 to run the program. Check that it works, by calculating the distance/bearing to some stations that you know the distance to. (your locals will work.) If there's a problem, most likely you mistyped something; double-check what's in your computer against this article.

Once you're satisfied that the program is working, make one change: change the word END in line 1000 to SYSTEM. This will cause the program to return to the C:> prompt when done, rather than returning to the BASIC screen. Then, save the program: press F4, type DXC (or whatever other name you want to give the program), and press Enter. Now, to run the program in the future, get a C:> prompt, type GWBASIC DXC, and press Enter.

This program is based on program 5.2 in the book *"Amateur Radio Software*, by John Morris GM4ANB. The book is published by the Radio Society of Great Britain, and should be available through the ARRL, 225 Main St., Newington CT 06111, or call 203-666-1541. Better-equipped ham shops probably also have it. This book has a number of programs relevant to the FM/TV DXer, including troposcatter path loss calculation, MUF calculation (for F2 skip), antenna and circuit design aids, satellite location, crude recordkeeping programs, and even a simple electronic circuit analysis program! Also included are tips on converting BASIC programs from the rather generic "dialect" used in the book to whatever version your computer uses. If you have a computer, I highly recommend that you check this book out.

Of course, once you have the program, you need a way to find out what the DX station's, and your, geographical coordinates are. For your own coordinates, the most available solution is a US Geological Survey topographic map; these are available for all areas of the USA and show geographic coordinates. Try looking up the USGS in your phone book. (unfortunately, I don't have any more details, as I've never had to use one of these maps!) A second choice, and one I recommend if you live in one of the states covered, is the *"Atlas and Gazetteer* by DeLorme Mapping Co., 800-227-1656. These are currently available for about 15 states, and contain topographic maps of the entire state, plus virtually every road & street. Besides locating your coordinates, this Atlas will help you in finding your local stations, that little-known fishing hole, whatever... A third solution, and the one I'm using here, is to pick a local broadcast tower within a mile or so & look up its coordinates, and use them.

Finding the DX station is another problem. For FM, the only answer I know of is the official FCC database. My copy was purchased from Buckmaster Publishing, 703-894-5777, as part of their *"HamCall* CD-Rom. Some computer "massaging" of that raw data is necessary. For TV, the HamCall CD works; so does the *"Television Factbook*, available at most libraries.

I've written two "embellished" versions of the above program, one for DOS (which allows batch processing of large numbers of DX stations, just the thing for that mega-Ex opening..) and the other for Windows. I'll send a 3-1/2" 720K floppy with both programs and a Microsoft Works spreadsheet with the same formulas in return for a disk mailer (no disk required-- I've got a lot of used 3-1/2" disks) with return postage, or \$1. I can also provide 360K or 1.2MB disks, but you'll have to send a blank disk along with your mailer.

Doug Smith  
14 Brookside Court  
Nashville, TN 37209-4503

# MURPHY'S LAWS (of DX)

By John F. Combs N4SFS

Having DXed a lot of TV and some FM since 1972 or so, I have discovered that there are a lot of absolute laws that apply to the hobby, and I'd like to share those with you. This is not by any means an exhaustive list, and I welcome additions!

JOHN

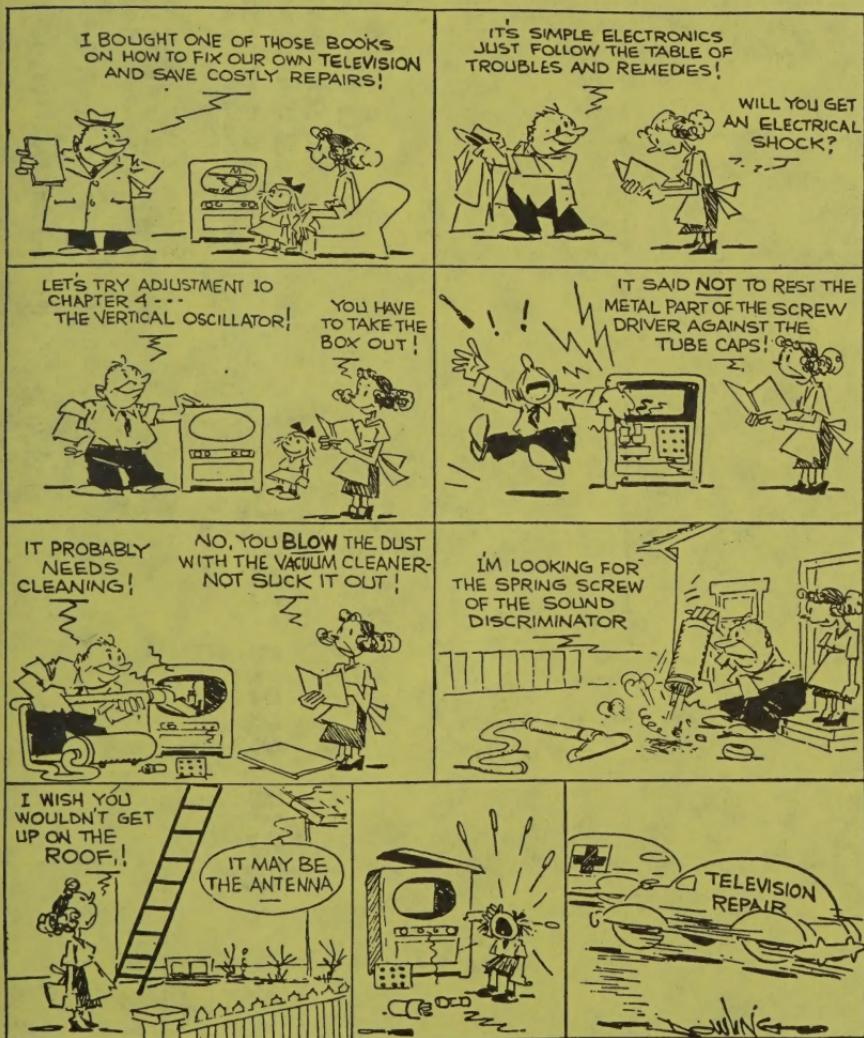
- Signal strength will always fade during an ID...
- If a visual ID is given, the actual ID will be in the smallest type font available while any useless information is in letters 2 feet high...
- If an aural ID is given, the announcer will be suffering the effects of (a) a hangover, (b) a novacain shot, or (c) loose bridgework...
- No matter how long you wait for a local break on a mystery station, it will only occur when you are on a bathroom break... (MORAL: A large Mason jar kept at arm's reach in the shack will save many loggings!)
- A little-known FCC regulation allows stations to ID during DX openings only if they feel like it...
- All-night DX openings will only occur on the eve of a critical day at your job...
- If you attempt to phone a station to confirm a logging, you will invariably wind up talking to the station employee with the lowest I.Q....
- Don't bother confirming that once-in-a-lifetime logging. No one will believe you anyway...
- A potential DX station will always change its schedule the week after you obtain a TV Guide from that area...
- Any piece of electronic equipment has a mind of its own -- and it doesn't like you...
- If a piece of electronic equipment fails to function properly, turn it off, wait 24 hours, then turn it back on. Chances are it'll work fine... (This is the principle known as "FM": "f---ing magic")
- An antenna dropped from a tower or rooftop will fall in such a way as to do the maximum possible damage...
- The lower the overload threshold on your pre-amp, the greater the chance that mass quantities of new locals will soon sign-on...
- If there is even one open TV channel left in your area, TBN will find it...
- If your 24-hour, 365-day local goes off the air unexpectedly, you can be assured that there will be nil propagation at the time...
- If there is a CBer in the area running a linear, you will be blamed by neighbors for the resultant interference...
- The best situated neighborhood for DX in your city will invariably have deed restrictions prohibiting outdoor antennas...
- Mexican, Puerto Rican, and (especially) Cuban Spanish bear no relation to any Spanish you may have learned in school -- they are impenetrable polyglots consisting of 50% regional slang and 50% pure gibberish...
- The same identical patterns on the weather map that produced that super-tropo will never, ever produce an opening again...
- A DX station that you have been trying to snag for years will be logged on the first try by the new snot-nosed teenage DXer in the club, using a coat hanger and aluminum foil...
- Non-DXing friends will always show up at your door, uninvited, during a big opening...
- If you cohabitiate with a wife, girlfriend, or parents, they will never, ever understand your interest in DXing -- nor will they ever WANT to...
- Attempting to explain your hobby to non-DXers will always result in your being branded either a pervert, a Communist, or a candidate for the Psych Ward...
- If you forget to remove the erase-protect tab from your DX tape, within 24 hours another family member will use it to tape "All My Children"...
- All treatises, theories, and articles aside, no one REALLY understands DX -- it is akin to acupuncture, voodoo, and black magic...



PREPARED FOR THE WTFOA BY TOM BRYANT, 849  
 TODD PREIS DRIVE, NASHVILLE, TN 37221; 615-  
 646-2000. OK, you're right, this is what  
 a lot of folks call a 'no-brainer'; but  
 your column editor thinks he's entitled to  
 a bit of comic relief after co-hosting the  
 1993 convention. Besides, I suspect most  
 of us have been victims of overconfidence  
 more often than we would like to admit.

## Mr. Customer Fixes His Own TV Set

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